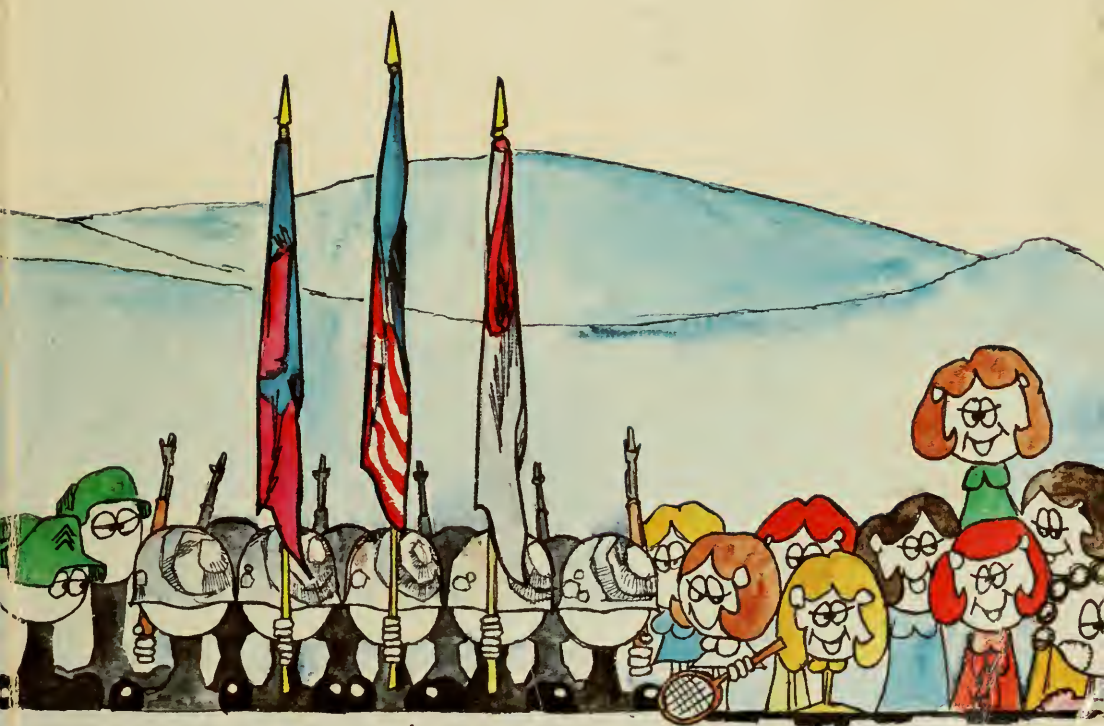


north georgia college



CORRESPONDENCE DIRECTORY

TO THE OFFICE OF THE PRESIDENT on matters of general policy.

TO THE OFFICE OF THE DEAN concerning scholastic progress, the various educational programs, change of course, etc.

TO THE DEAN OF STUDENTS on all matters pertaining to the overall general welfare of students.

TO THE DEAN OF WOMEN on all matters pertaining specifically to women students.

TO THE COMMANDANT AND PROFESSOR OF MILITARY SCIENCE on questions about military programs, ROTC matters, Corps Regulations, leaves of absence, and Cadet unit and dormitory assignments.

TO THE DIRECTOR OF ADMISSIONS for questions about admission and requests for catalogs, application blanks, and other information.

TO THE COMPTROLLER on matters related to the business interests of the College, payment of fees, etc.

TO THE DIRECTOR OF STUDENT AID on matters pertaining to loans, scholarships, on-campus work, etc.

How to Contact a Cadet or Coed by Telephone

A cadet may normally be reached at his residence hall by telephone (see telephone numbers below). A cadet may also be reached through the Assistant Commandant's Office, which has someone on duty twenty-four hours a day while the college is in session.

A coed may be reached at her residence hall telephone or through the Office of the Dean of Women.

COMMANDANT'S OFFICE, 864-3392

Gaillard Hall.....	First Floor	864-9981	Second Battalion Staff
Gaillard Hall.....	First Floor	864-9906	Headquarters Staff
Gaillard Hall.....	Third Floor	864-9973	Band
Sirmons Hall	First Floor	864-9908	Company E
Sirmons Hall.....	Second Floor	864-9993	Company B & First Battalion Staff
Sirmons Hall.....	Third Floor	864-9942	Company A and Brigade Staff

DEAN OF WOMEN'S OFFICE, 864-3391, EXT. 59 WOMEN'S RESIDENCE HALLS

Lewis Hall.....	864-9905
Lewis Hall.....	864-9907
Lewis Hall.....	864-9958
Lewis Hall Annex.....	864-9910
Lewis Hall Annex.....	864-9952
New Dorm	
Wing A.....	864-9911
Wing B.....	864-9931
Wing C.....	864-9904

No person shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity conducted by North Georgia College.

One Hundredth and Two Bulletin Issue



SERIES 43 September, 1976, NO. 3

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North Georgia College, Dahlonega, Georgia 30533

This Bulletin is your guide to North Georgia College. Pages 1 through 56 contain general information applicable to all students. The remainder of the book contains information about particular areas of study.

For clarification of/or additional information about any part of this book, please contact the Director of Admissions, North Georgia College, Dahlonega, Georgia, 30533 or 404-864-3391.

1976

JANUARY	FEBRUARY	MARCH	APRIL
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1977

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CALENDAR 1976-77

FALL QUARTER, 1976

September 15 (Wednesday)	Faculty Meeting
September 16-18 (Thursday-Saturday)	Fall INTRO
September 18 (Saturday)	Freshman Military Men Report
September 20-21 (Monday-Tuesday)	Military Freshman Orientation
September 22 (Wednesday)	Registration
September 23 (Thursday)	Classwork Begins
September 27 (Monday)	Final Day for Changing Schedules
October 25 (Monday)	Mid-Term Grade Reports Due
November 24 (Noon-Wednesday)	Thanksgiving Recess
December 6-8 (Monday-Wednesday)	Final Examinations
December 9 (Thursday)	Final Grade Reports Due

WINTER QUARTER, 1977

January 3 (Monday)	Registration/Classwork Begins
January 6 (Thursday)	Final Day for Changing Schedules and Late Registration
February 2 (Wednesday)	Faculty Meeting
February 3 (Thursday)	Mid-Term Grade Reports Due
March 14-16 (Monday-Wednesday)	Final Examinations
March 17 (Thursday)	Final Grade Reports Due

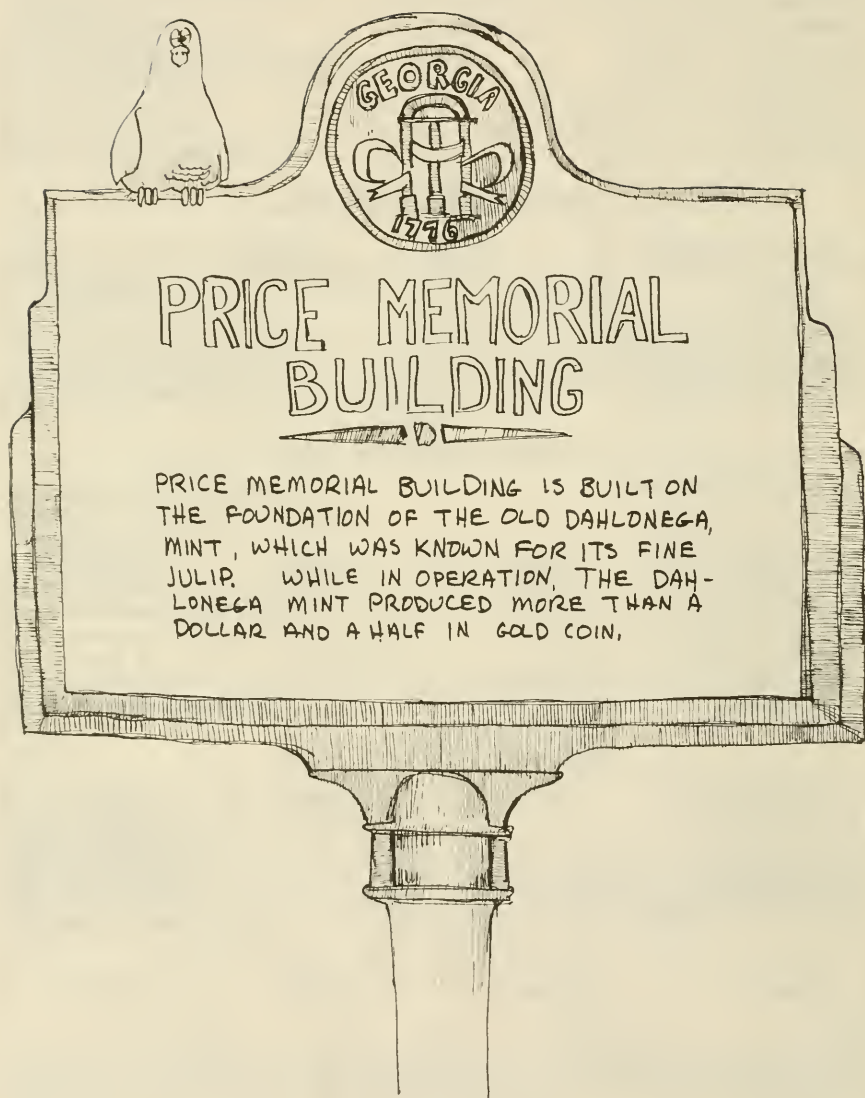
SPRING QUARTER, 1977

March 23 (Wednesday)	Registration/Classwork Begins
March 28 (Monday)	Final Day for Changing Schedules and Late Registration
April 27 (Wednesday)	Faculty Meeting
April 29 (Friday)	Mid-Term Grade Reports Due
April 30-May 1 (Saturday-Sunday)	Parents-Alumni Weekend
May 29 (Sunday)	Commencement and Commissioning
May 30 (Monday)	Review Day
May 31-June 2 (Tuesday-Thursday)	Final Examinations
June 3 (Friday)	Final Grade Reports Due

SUMMER QUARTER, 1977*

June 20 (Monday)	Registration/Classwork Begins
June 24 (Friday)	Final Day for Changing Schedules and Late Registration
July 4 (Monday)	Independence Day
August 12-13 (Friday-Saturday)	Final Examinations
August 15 (Monday)	Final Grade Reports Due

Summer Quarter class periods, 65 minutes





INTRODUCTION

EDUCATION \approx **SECONDARY/EARLY CHILDHOOD**
SPECIAL EDUCATION ★ ★ ★ ★ ★ **JUNIOR HIGH/GENERAL SCIENCE**
ENGLISH ★ ★ ★ ★ **FINE ARTS** \approx **MUSIC**
ART EDUCATION **CRAFTS DESIGN** **MATH** ★ ★ ★ **MODERN**
LANGUAGE **FRENCH** ★ **GER** **HEALTH—**
P.E. & RECREATION ★ **PHYSICS**
PSYCHOLOGY ★ ★ ★ ★ ★ **PROGRAMS IN**
POLIT SCIENCE ★ ★ ★ **THE SOCIAL SCIENCES**
JUSTICE HISTORY SOCIOLOGY
PROFESSIONAL **MEDICINE DENTISTRY**
PROGRAMS IN **MEDICAL TECH NURSING LAW**

INTRODUCTION TO NORTH GEORGIA COLLEGE

North Georgia College was founded in 1873 as a liberal arts college for men and women. It is a state supported senior unit of the University System of Georgia under the direction of the State Board of Regents. It is located in Dahlonega, Georgia, on the site of the original U.S. Government Gold Mint. Dahlonega, a town of about 3,000 people, is located in the foothills of the beautiful Blue Ridge Mountains — 70 miles and 1½ hours north of Atlanta via U.S. 19, or I-85 and Georgia 60 through Gainesville.

The student enrollment at North Georgia College is approximately 1,400; placing it in the medium size range with 80% of the students living in dormitories. The college is small enough for the individual to stand apart and be identified by the faculty and other students, yet with enough size to make varied and diversified programs possible. Being a state school, the majority of the students have graduated from Georgia high schools, but graduates from many differing high schools from across the nation and around the world are also enrolled.

CO-EDUCATIONAL NATURE

From its founding, North Georgia College has been co-educational. The majority of the women students are not involved in the military program, but they constitute approximately one half of the total student enrollment. Women students may, however, participate in the ROTC program, and all male students living on campus must participate.

STATEMENT OF PURPOSE

The purpose of North Georgia College is to provide an academically sound liberal arts education for all its students while at the same time providing its students an opportunity for preparation for a military career. It further recognizes that the vocational and professional needs of its students are best served on the senior college level through specialized programs of study built around a well-developed general education program.

- Consistent with the foregoing, North Georgia College aspires more specifically:
- to stimulate and develop intelligent citizens for responsible leadership in society by providing an environment conducive to learning;
 - to encourage investigation and research to enable students to succeed in graduate and professional study;
 - to provide for and encourage the development of moral, social, cultural, physical and aesthetic appreciations as they relate and contribute to the total development of the individual;
 - to provide sound semi-professional and professional programs for developing men and women with the capacity to satisfy their material needs through gainful employment;
 - to serve and to be responsive to the needs of the community by the extension of educational services, through the development of cultural activities and by sharing of professional expertise for community benefit;
 - to encourage among the faculty the maintenance of a high level of scholar-

ship, an interest in research and a continuing concern for the role of higher education in the betterment of society.

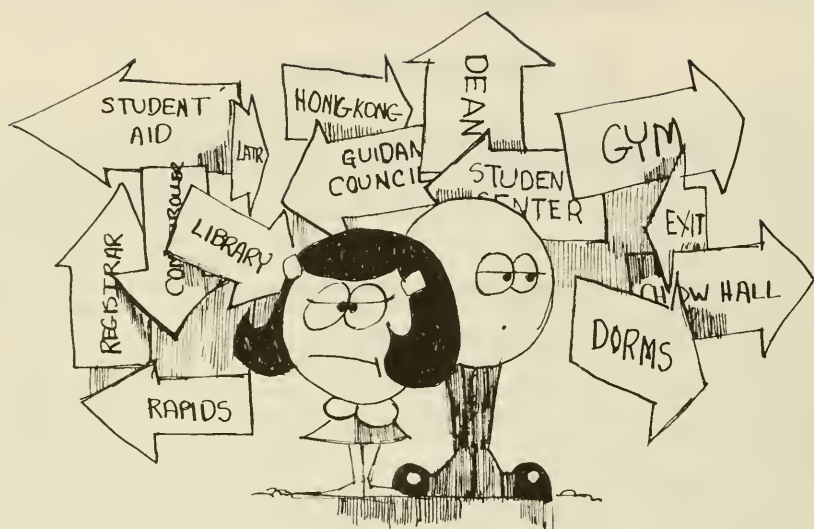
UNIVERSITY SYSTEM OF GEORGIA

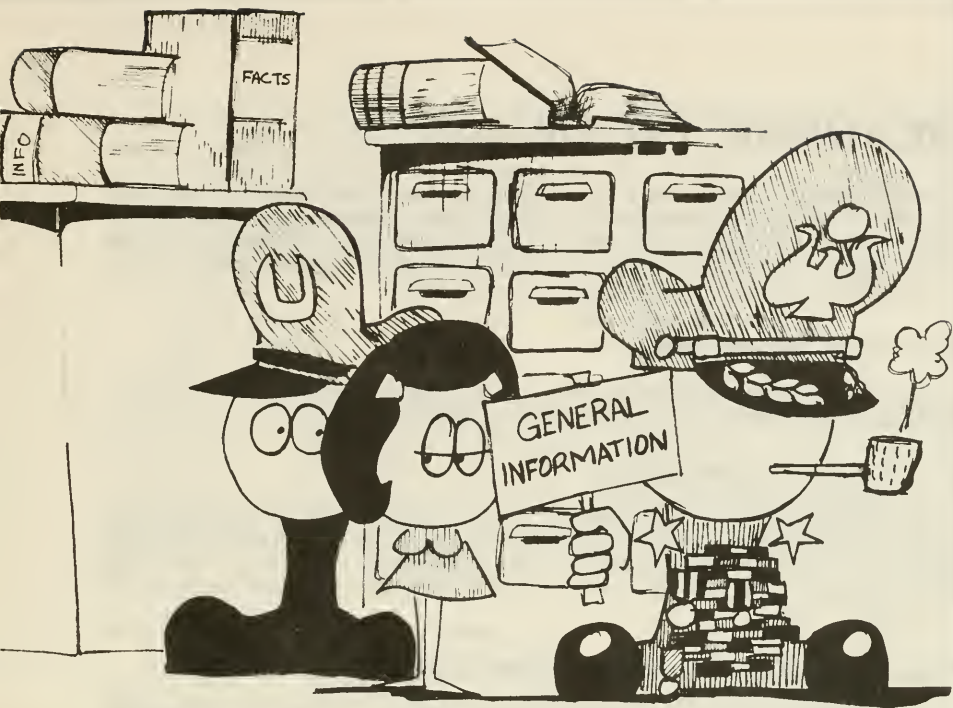
All state-supported institutions of higher learning in Georgia were combined into the greater University System of Georgia by legislative enactment at the regular session of the General Assembly in 1931. Under the articles of the Act, all existent boards of trustees were abolished and control of the System was vested in a Board of Regents with all the powers and rights of the former governing boards of the several institutions. Control of the System by the Board of Regents became effective January 1, 1932.

On January 18, 1950, the Board of Regents reaffirmed the position of North Georgia College as a senior unit of the University System by passing a resolution which reads in part as follows: "*The North Georgia College at Dahlonega shall be continued as a college of arts and sciences at the bachelor's level and as the one institution in the Georgia System distinguished by its essentially military organization for men.*" This resolution remains unchanged.

ACCREDITATION

North Georgia College, as a senior member of the University System of Georgia, is a fully accredited member of the Association of American Colleges and Schools, the Association of Military Colleges and Schools, the Southern Association of Colleges, and the Association of Georgia Colleges. Its work in the field of education is recognized and accredited by the National Council for Accreditation of Teacher Education (NCATE) and the Georgia State Department of Education. The quality of the training offered in all departments has long enjoyed national recognition. A significant number of its graduates attend graduate and professional schools; and just as significantly, perhaps, is the fact that many of its military graduates, as they move into active service, go to military graduate school.





GENERAL INFORMATION

EDUCATION \approx SECONDARY/EARLY CHILDHOOD
 JUNIOR HIGH/GENERAL SCIENCE
SPECIAL EDUCATION ★★★★★
ENGLISH ★★★★★ **FINE ARTS** \approx MUSIC
 ART EDUCATION CRAFTS DESIGN **MATH** ★★★★★ **MODERN**
LANGUAGE FRENCH ★ GERMAN ★ SPANISH **HEALTH—**
P.E. & RECREATION ★ **PHYSICS**
PSYCHOLOGY ★★★★★ ★★ PROGRAMS IN
 THE SOCIAL SCIENCES
POLIT SCIENCE ★★★★★ **CRIMINAL**
JUSTICE HISTORY SOCIOLOGY
 PROFESSIONAL PROGRAMS IN **MEDICINE DENTISTRY**
MEDICAL TECH NURSING LAW

ACADEMIC PROGRAMS

North Georgia College offers a varied program of studies leading to the A.B., B.S., B.B.A., B.S.W. (Social Work), or M.Ed. Degree. Prior to specializing for the Degree, North Georgia provides a two-year basic curriculum in general education. This program includes mathematics, education, English, history, social sciences, modern languages, sciences, and physical education.

BACHELOR OF ARTS (B.A.)

The Bachelor of Arts Degree is offered in Craft Design, English, French, History, Mathematics, Political Science, Psychology and Sociology.

BACHELOR OF SCIENCE (B.S.)

The Bachelor of Science Degree is offered in Art Education, Biology, Business Education, Chemistry, Criminal Justice, Education (Early Childhood, Elementary, Junior High, and Special Education), Mathematics, Music Education, Physical Education, Physics, Political Science, Psychology, Recreation, Social Sciences and Sociology.

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

The Bachelor of Business Administration Degree is offered in Accounting, Economics, Management, Marketing, and Secretarial Studies.

BACHELOR OF SOCIAL WORK (B.S.W.)

The Bachelor of Social Work Degree is offered with fields of concentration in General Social Work, Gerontology and Rehabilitation. The college also offers in-service training for people employed in social agencies.

MASTER OF EDUCATION (M.Ed.)

North Georgia College offers the Master of Education Degree in Elementary Education, Special Education (Mental Retardation and Learning Disabilities), and Secondary Education (Behavioral Science, Business Education, Mathematics Education, Science, and Social Science). Those interested in securing catalog information concerning graduate studies should write:

Coordinator of Graduate Study
North Georgia College
Dahlonega, Georgia 30533

ASSOCIATE OF SCIENCE DEGREE

North Georgia College offers a variety of special programs leading to the Associate of Science Degree for those students who do not wish to pursue a Bachelor's Degree.

Those programs marked with an asterisk (*) are taught through a cooperative arrangement with the Pickens Area Vocational-Technical School, Jasper, Georgia. In this cooperative program, students take basic education courses offered by the North Georgia faculty while pursuing technical-vocational training at the Pickens

Area Vocational-Technical School. Those who complete dual programs receive the Associate of Science Degree. The basic education courses will normally be conducted on the campus of the Pickens Area Vocational-Technical School. The programs in secretarial science, accounting, and data processing will be supervised by the North Georgia College Department of Business Administration, and the programs in electronic technology, drafting, and design technology will be supervised by the Department of Physics.

Accounting*

Criminal Justice

Data Processing*

Design Technology*

Drafting*

Electronic Technology*

Secretarial Science*

The Associate Degree in Secretarial Science is offered both as a part of the co-operative program with the Pickens Area Vocational-Technical School and the regular offerings of the Department of Business Administration. Additionally, the college also offers a one year program in Secretarial Science.

Should an individual decide to pursue further studies, credit earned in these programs may be applied toward a baccalaureate degree in the appropriate fields. Students are referred to the respective supervisory departments for more information.

ASSOCIATE DEGREE IN NURSING

A two-year training program leads to the Associate of Science Degree in Nursing. Academic instruction is given on the campus of North Georgia College, while clinical training is given in hospitals and nursing homes in Dahlonega and near-by towns.

GEORGIA INTERN PROGRAM

North Georgia College cooperates fully with the Georgia Intern Program creating opportunities for students to be actively involved in specific projects in public agencies. Interns work within state and local agencies for a full quarter and may receive up to fifteen hours of academic credit for the intern experience. The course number 485 has been reserved for intern courses, and credit may be given in any department in the college with the permission of the department head and the Dean. Application forms for this program are available in the Office of the Dean.

TEACHER CERTIFICATION

Teacher certification at the Secondary level is offered in Art, Behavioral Science-Psychology, Biology, Business Education, Chemistry, English, French, Health-Physical Education and Recreation, History, Mathematics, Music, Physics, Political Science, and Sociology.

DUAL DEGREE PROGRAM WITH GEORGIA TECH

North Georgia College in cooperation with the Georgia Institute of Technology offers programs leading to the Engineering Degree at Georgia Tech. The program offers students the opportunity to attend North Georgia College for approximately three years before embarking on professional academic work at Georgia Tech for an additional two years. At the end of this sequence, the student may receive the Bachelor's Degree in Chemistry or Physics from North Georgia College and an appropriate degree in Engineering from Georgia Tech. A student may also pursue the

Bachelor's Degree in Business Administration from North Georgia and the Master's of Science-Industrial Management Degree from Georgia Tech.

PRE-PROFESSIONAL STUDY

In addition to Bachelor Degree Programs, the college offers pre-professional study in the following areas: Pre-law; Pre-medical Technology and a variety of two-year pre-professional programs in areas of Allied Health.

CONTINUING EDUCATION — PUBLIC SERVICE

Accepting a statewide commitment of the University System, North Georgia College initiated its public service-continuing education program in 1971. The college campus is available to various non-college related groups for meetings and activities during the year, and the college itself sponsors other programs for special groups or the public-at-large.

A non-credit short course program is offered quarterly, and the number and nature of courses are based on student demand. Students who satisfactorily complete some courses are credited with Continuing Education Units (CEU's), the measure of participation. A record of this participation is kept in the Registrar's Office. Generally, the courses meet in the evening.

This program concentrates on courses of practical, personal benefit to the student and includes subjects with a vocational and avocational application.

The purpose of these activities is to allow full accessibility to North Georgia College to the general public. Like other institutions of higher education, the college is finding and attracting a new clientele. Its general public service goal is to serve more people in more ways.

ACADEMIC YEAR

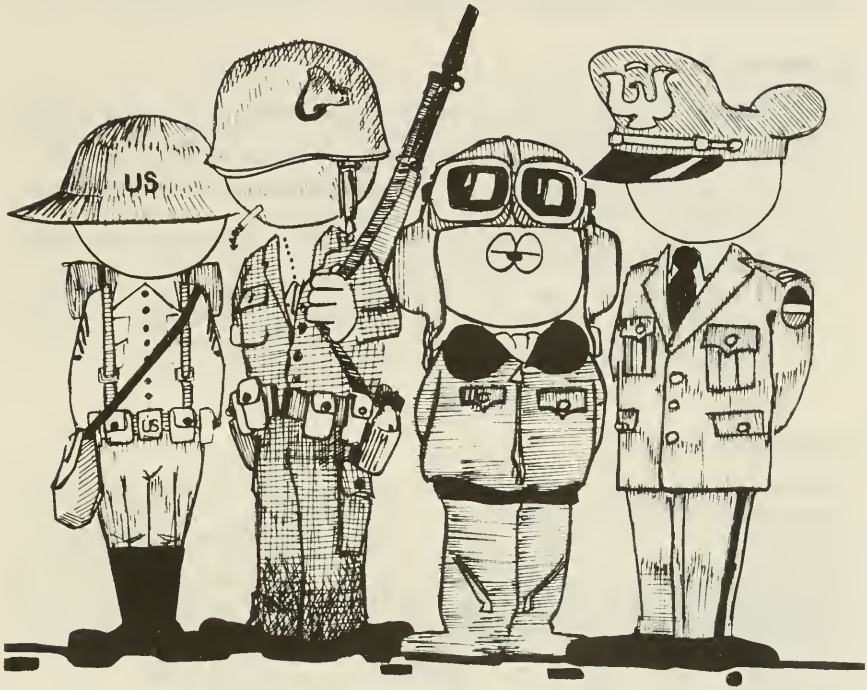
North Georgia College operates on a four-quarter system (Fall, Winter, Spring, and Summer). The summer quarter differs from the others only in the nature of the work offered, taking into account the needs of teachers in service and others who need specialized work. Freshmen may enter any quarter. Almost all required freshman and sophomore subjects are offered every quarter.

INTERCOLLEGIATE AND INTRAMURAL SPORTS PROGRAM

The college considers physical fitness vital to a completely satisfactory college life. Provisions are made to include the maximum number of students in the maximum number of activities throughout the entire year. Intercollegiate teams are fielded annually in men's and women's basketball, soccer, baseball, and tennis.

The Intramural Sports Program is a comprehensive and traditional part of the North Georgia campus activities. It has been rated "outstanding" by *Sports Illustrated* and involves most of our men and women students. Among the more popular activities are football, volleyball, tennis, basketball, table tennis, track and field, softball, badminton and bridge.

THE MILITARY PROGRAM



HISTORY

From the time of its founding in 1873, North Georgia College has been a military institution dedicated to these propositions:

- a. The freedom and security which each of us as citizens of the United States enjoys can continue only so long as our country remains secure and prosperous.
- b. With the rights and privileges of citizenship, each individual assumes certain responsibilities, and among these is an obligation to be prepared to serve in the defense of the United States if needed.
- c. Our national security requires the support of a dedicated military establishment, which, in turn, requires a continuing source of officers who

have the intellectual, moral and physical attributes to perform effectively in a wide variety of leadership, management and administrative positions.

- d. Military instruction and training, through emphasis on cooperation, responsiveness, loyalty, appearance, self-confidence, and personal responsibility, provides valuable preparation for the successful pursuit of all careers, military or civilian.

The record of North Georgia College as a military institution has been distinguished through the years. Graduates of the college enjoy a prestigious reputation established by their predecessors in civilian life and the military service.

CURRENT STATUS

North Georgia College is one of only four senior colleges in the United States classified as a Military College (MC) by Department of the Army. In accordance with the criteria for Military Colleges, North Georgia College requires that:

- a. All male resident students become members of the Corps of Cadets, a military type organization with a proud history.
- b. All members of the Corps wear the distinctive uniform and participate in the military program provided at the college.
- c. Members of the Corps abide by regulations, similar to those maintained by the service academies, which establish high standards for personal conduct and appearance, protect the rights of each cadet, and engender a strong sense of personal responsibility and self discipline.

WOMEN IN ROTC

Women students may participate in the ROTC program and may advance to a commission in the Regular Army or US Army Reserve. Those women selected to participate are not required to become members of the Corps of Cadets but do participate in drill and ceremonies as a Women's Detachment. Uniforms, which are provided, normally are worn one day per week. Women cadets attend military science classes and training with men students, and every effort is made to integrate the Women's Detachment into activities of the Corps of Cadets.

MILITARY INSTRUCTION

Formal military instruction is conducted by the Department of Military Science. This department is staffed with well qualified personnel by Department of the Army to conduct military science instruction in the classroom and during leadership laboratory periods. Detailed information on military science courses is provided in the section devoted to course offerings by academic departments. All men and women cadets must complete twelve courses in Military Science unless exempted by the Dean of the College upon the recommendation of the Professor of Military Science.

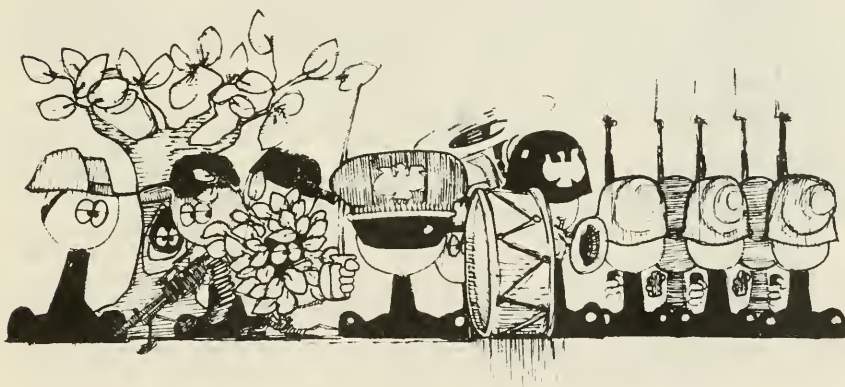
OPPORTUNITY FOR COMMISSION AS AN ARMY OFFICER

Every physically qualified student has the opportunity to compete for a commission as an officer in either the Regular Army or the US Army Reserve through the Reserve Officer Training Corps (ROTC) program. Although all male resident students must participate in the military program, including classroom courses in

military science for academic credit, earning a commission is both voluntary on the part of the individual and selective by Department of the Army.

Men and women students who desire to earn a commission and who are accepted in the ROTC program are placed on contract with the Army, normally at the beginning of the junior year. In return for agreeing to serve on active duty as an officer for two years if needed, the student on contract receives a non-taxable allowance of \$100.00 per month for up to twenty months while in college. Contract students attend a six-weeks ROTC summer camp between the junior and senior years of college. The student is reimbursed for travel expenses to and from the camp and is paid during the camp period at one-half the current rate of Second Lieutenants in the Army.

ROTC contract students may apply to be commissioned in the Regular Army at graduation under two programs. One is the ROTC scholarship program. All students on ROTC Scholarship have the opportunity to apply for competitive selection for the Regular Army commission. Secondly, each year The Department of the Army authorizes the selection of a number of outstanding senior students to be designated Distinguished Military Students (DMS). Students so chosen must be on contract to earn a commission, be in the upper half of their class academically, stand in the upper third in military science studies, and demonstrate outstanding potential for service as an officer. Students designated DMS may apply for competitive selection for the Regular Army commission.



THE CORPS OF CADETS FOR MEN

North Georgia College, being a military college, requires that all resident male students participate in the Corps of Cadets. In order to facilitate administration and

training, the Corps is organized into a brigade of two or more battalions, each consisting of two or more companies. Immediately upon reporting to the college, the new cadet is assigned to a company. This unit quickly becomes the focal point for the new cadet's life on campus. It becomes his "home away from home" and provides an immediate social stability in a new environment. It also provides through upper classmen an opportunity for academic coaching. Additionally, the company provides the structure around which a spirited intramural sports program is developed and implemented. At the end of each academic quarter, the competition between companies in the Corps ends with the designation of Honor Company — that unit receiving the highest combined score in academics, athletics, military training and unit administration.

The "cadet system" of control prevailing within the Corps is a specialized system of student government in which there is extensive, direct, and continuous involvement of the men students in the management of their own affairs. In this system, the conduct of cadets and most of the activities of the organizations within the Corps are the responsibilities of the cadet officers and noncommissioned officers. Thus, for all students seeking responsibilities and involvement, North Georgia College offers outstanding opportunities in both areas.

All cadets may and are encouraged to compete for leadership positions. In selecting individuals for positions of responsibility, consideration is given to demonstrated interest, motivation, military knowledge, academic standing (minimum requirement: C average), leadership potential and individual conduct records. Eligibility for advancement in rank parallels advancement in academic class standings. For example, noncommissioned officers are selected from the sophomore and junior classes, while cadet officers are selected from the senior class.

In the performance of their duties, cadet officers and noncommissioned officers are expected to set the example in appearance, conduct, and compliance with college approved Corps regulations, and they are expected to enforce these regulations in a fair and impartial manner so as to promote respect, morale and sound discipline. A copy of Corps regulations, known as the Blue Book, is made available to each cadet within the first week after reporting.

Membership in the Corps of Cadets is open to all male students who are admitted to the College except those whose physical condition, as judged by the College Surgeon and the Commandant acting jointly, is determined to be inconsistent with requirements for normal participation in marching formation and living in cadet dormitories without special assistance, equipment or diet.

All cadets, except first quarter freshmen and a few upper classmen having specifically prescribed duties for a particular time, may wear civilian clothes on or off the campus after 5:00 p.m. While wearing civilian clothes, cadets are expected to use good taste and judgment, and they are required to maintain high standards of neat personal appearance. Except when sports would dictate special clothing, proper civilian dress for a cadet includes shoes with socks, trousers, sport shirt or dress shirt, or coat and tie.

MILITARY UNIFORMS (MEN)

The distinguishing mark of a North Georgia College cadet is the college uniform. The use of the uniform produces a decided economy in clothing costs while at North Georgia College, since only a minimum amount of civilian attire is needed. The entering cadet is required to bring with him (or purchase at the college bookstore upon arrival) only four items of clothing: a pair of plain toe, black, low quarter shoes; a pair of white tennis shoes; a long sleeve white dress shirt; and a pair of black leather gloves. All other items of the cadet uniform are issued to the new

members of the Corps of Cadets. All uniform items issued remain College property, and most of these items may be replaced by exchange at no cost if the item is outgrown or becomes unusable through fair wear. Exceptions are boots, socks, gym wear, name tags, white gloves, and boot laces. After initial issue, the student must pay cash for these items. Also, replacements for lost or damaged clothing must be purchased.

A uniform deposit of \$100 is required by the college before uniforms are altered or issued. This modest deposit is necessary in order to defray unreasonable costs to the college under certain circumstances. Ultimately, cadets should have all, or most, of the deposit amount refunded. Cadets in the third year of college who execute the ROTC advanced course contract to earn a commission have the deposit returned when the contract is accepted and, in addition, can retain all issued items for active duty. Cadet insignia, cadet regulations, long sleeve shirts and laundry bags must be returned to the bookstore. Juniors and seniors who elect not to pursue a commission are charged a uniform use fee of \$8.50 per quarter. The free exchange of worn or outgrown items remains in effect. Except as noted above for cadets being commissioned, uniform items are turned in upon departure from the College and the \$100 deposit refunded, less any charge for damaged or lost property. By exercising reasonable care, the contract cadet at North Georgia College can receive full use of quality uniforms and equipment at no cost.

ACCEPTANCE OF MALE TRANSFER STUDENTS INTO ROTC

Juniors transferring from colleges and universities which do not offer a ROTC program may choose one of two courses of action. If a commission in the US Army is not desired, the transferee will attend selected military science classes chosen because of their universal application and interest. Transferees desiring an Army Commission will either be required to compress the basic (MSI and II) military science courses or attend a six-week basic ROTC camp conducted by the Army, which meets the requirement for freshman (MSI) and sophomore (MSII) military science.

Those male students who transfer to North Georgia College with senior class rank without credit in Basic Military Science may be excused from ROTC classroom work.

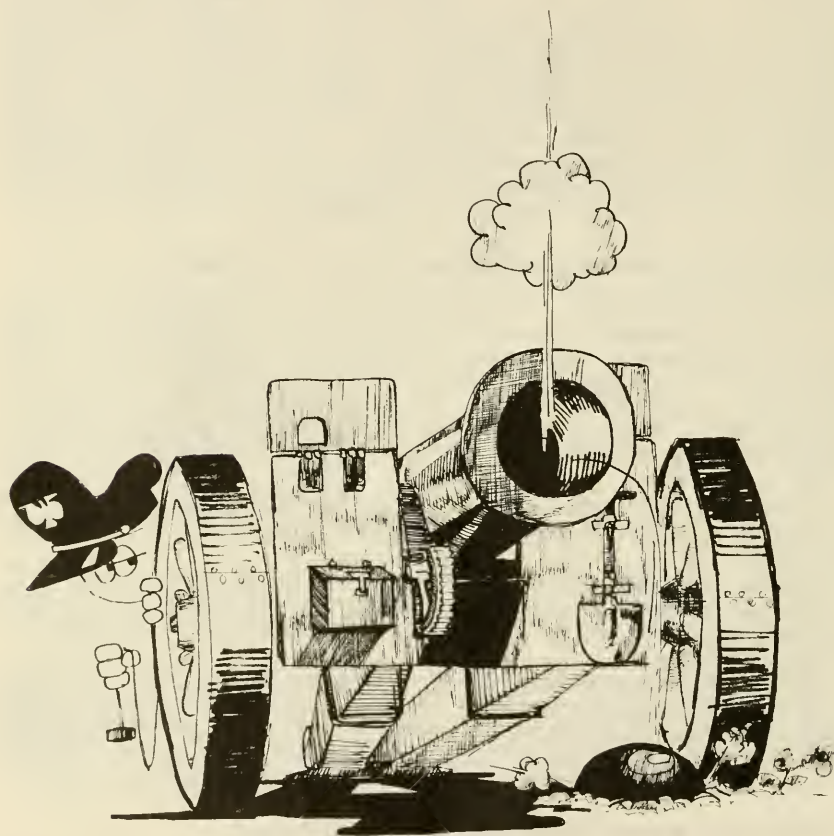
Freshmen or transfer students who have had two or more years of Junior ROTC in high school may be granted constructive credit for some or all of the freshman and sophomore level military science courses with the approval of the Professor of Military Science.

Prior service military personnel interested in pursuing a commission in the Army may be given constructive credit for freshman and sophomore military science courses by the Professor of Military Science. Students with prior military service may meet the qualifications for commuter status, may be allowed to live off campus, and may be exempt from participation in the military program.

ARMY ROTC SCHOLARSHIPS (MEN AND WOMEN)

Army ROTC Scholarships are available on a competitive basis to men and women students for four, three, two, and one year periods. These scholarships cover all tuition and fees, textbooks, and school supplies. In addition, since scholarship winners are on contract to earn a commission, a monthly subsistence allowance of \$100 is provided to each individual. Three, two, and one year scholarship nominees are selected from among applicants enrolled at North Georgia College by a faculty board. Those students selected are recommended in order of merit to the Department of the Army for final selection. Four year scholarships are nation-

ally competitive and applications by interested individuals must be submitted early in the senior year of high school. Those interested in a four year ROTC scholarship should contact their high school counselor for detailed information on application procedures.



ADMISSIONS

A person who wishes to enroll as a student at North Georgia College should file an application form which can be secured from the Director of Admissions. This form should be completed and sent to the College at least twenty (20) days prior to the beginning of the quarter for which the application is made. This application form, along with the medical form and the high school transcript, should be returned to the Director of Admissions. The applicant is also required to complete the Scholastic Aptitude Tests (SAT) given by the College Entrance Examination Board and have his test scores sent to the college. Information regarding this test may be secured from high school counselors, any unit of the University System of Georgia, or from the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey. The applicant should have his high school counselor supply a transcript of his record. Students transferring from other colleges or universities should arrange with the Registrar to forward transcripts of credit earned.

An application for admission to the college will be considered when all of the information described above has been assembled. Before acceptance, an applicant must have a predicted grade point average which indicates he is capable of carrying out effectively the academic programs of the college. This predicted academic average is based on the applicant's high school record and SAT scores.

In some instances, the applicant may be requested to come to Dahlonega for testing and interviewing by the Admissions Committee. If required, the Director of Admissions will notify the applicant of the time and place of the interview.

The college reserves the right to refuse applicants when it appears that the number of students already accepted will fill the college to its capacity.

REQUIREMENTS AND CONDITIONS TO BE MET BY APPLICANT

1. The applicant must be at least sixteen years old on or before the registration date. He must be of good moral character.
2. The applicant must show that he meets at least one of the following conditions:
 - (a) That he is a graduate of an accredited high school or a high school that is approved by the college and that he has completed the work specified in Section 3 below.
 - (b) That he has passed satisfactory entrance examinations prescribed by the college.
3. A required minimum of sixteen units (240 quarter hours) of high school work must be completed.

The following specific units should be submitted by applicants for a Bachelor's Degree program. Exceptions may be made for the student seeking admission to the one or two year non-baccalaureate programs.

English	4 (60 quarter hours)
Algebra and/or Geometry	2 (30 quarter hours)
Social Studies	2 (30 quarter hours)
Science	2 (30 quarter hours)
Additional Academic Units	4 (60 quarter hours)

The College reserves the right to refuse to accept any or all of the credits from any high school or other institution, notwithstanding its ac-

credited status, when it is determined through investigation or otherwise that the quality of instruction at such high school or other institution is for any reason deficient or unsatisfactory.

Students who have been unable to schedule required courses should write to the Director of Admissions for information on ways of making up credit deficiencies.

4. The applicant must be in good physical condition, determined as a result of the physical examination administered by the applicant's family physician. The report of the physical examination is submitted on forms supplied by the Director of Admissions.
5. A \$10.00 application fee is charged students applying to the college for the first time. This fee is not refundable and does not apply toward other college fees. After a student is accepted for admission to the college, he is asked to make a room reservation deposit of \$25.00.

For students entering the college in the Summer or Fall Quarters, the deposit is due by May 1st. If the acceptance occurs after May 1st, the deposit is due at the time of acceptance. If an accepted student decides to cancel his reservation, the deposit is refunded upon request, provided the notification of cancellation is received by the Admissions Office prior to August 15 for the Fall, December 1 for Winter, February 15 for Spring Quarter, and May 15 for Summer Quarter.

6. Students whose college entrance tests and/or high school academic record will not allow for regular admission to the College may be admitted as Special Studies students. These students will undergo a battery of tests and may be placed in Special Studies courses to prepare them for college level work. For further details see the section on Special Studies in this catalog.

When college entrance tests or high school records of regularly admitted students indicate potential academic difficulty, they may be required to undertake a battery of tests upon admission. The results of these tests will be used in advising students, when appropriate, to enroll in non-credit Special Studies courses to prepare them for regular college level work. The College feels that in this way many students may overcome the difficult transition period into college study without academic failure. **No regularly admitted student, however, will be required to take non-credit developmental courses.**

RESIDENT REQUIREMENTS

In order to register at North Georgia College as a legal resident of the State of Georgia, a student must meet certain requirements set forth by the Board of Regents of the University System of Georgia.

1. (a) If a person is 18 years of age or older, he or she may register as a resident student only upon showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
(b) No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this State in the absence of a clear demonstration that he or she has in fact established legal residence in this State.

2. If a person is under 18 years of age, he or she may register as a resident student only upon showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
3. A full-time faculty member of the University System and his or her spouse and dependent children may register on the payment of resident fees even though he or she has not been a legal resident of Georgia for the preceding twelve months.
4. Non-resident graduate students who hold teaching or research assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.
5. Full-time teachers in the public schools of Georgia and their dependent children may enroll as students in the University System institutions on the payment of resident fees, when such teachers have been legal residents of Georgia for the immediately preceding nine months, were engaged in teaching during such nine month period, and have been employed to teach full time in the public schools of Georgia during the ensuing school year.
6. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence shall have the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.
7. Foreign students who attend institutions of the University System under financial sponsorship of civic or religious groups located in this State, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
8. If the parents or legal guardian of a minor change his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve month period, the student may continue his registration only upon the payment of fees at the non-resident rate.
9. In the event that a legal resident of Georgia is appointed as guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of court appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fees.

TRANSFER STUDENTS

An applicant who has attended other colleges and has maintained an academic average of "C" or better, and who has a clear conduct record may be considered for admittance.

All regulations applicable to students entering college for the first time shall be applicable to students transferring from other colleges, insofar as the regulations are pertinent to the applications of transfer students.

A transferring student should ask the registrars of colleges which he or she has previously attended to send transcripts of college credit to the Director of Admissions, North Georgia College, Dahlonega, Ga. 30533. The applicant's academic qualifications for admission will ordinarily be based on these college transcripts;

however, the Director of Admissions may secure high school transcripts to use in the evaluation.

Even though the institution that the student last attended is an accredited institution, the Director of Admissions may reject the application or all or any part of previously earned credits if there is any reason to believe that the quality of the educational programs of the previous institution are considered unsatisfactory.

An applicant will not be considered for admission, unless the transcript shows an honorable discharge from the college last attended or unless the officials of that institution recommend the applicant's admission.

Work undertaken at another institution by a student under academic suspension cannot be transferred to North Georgia College for credit toward a degree.

A student transferring from another college must show that at some time he has taken the College Entrance Board's Scholastic Aptitude Test or that he has taken some other equivalent test approved by North Georgia College. Scores on such tests must be submitted to North Georgia.

Transfer students entering North Georgia College shall be subject to the following policies:

- (a) The amount of academic credit accepted for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been earned at the College during that time.
- (b) The maximum academic credits accepted from a junior college is 95 quarter hours.
- (c) The total number of hours that may be earned toward a degree by either extension or correspondence courses shall not exceed 45 quarter hours.

TRANSIENT STUDENTS

A student who has taken work in a college or university may apply for the privilege of temporary registration in North Georgia College. Such a student will ordinarily be one who expects to return to the college or university in which he was previously enrolled.

The following policies shall govern the admission of students on a transient status:

1. The admissions officer must have evidence that the institution that the student previously attended was an accredited or an approved institution.
2. An applicant will be accepted as a transient student when it appears that the applicant's previous academic work is of a satisfactory quality. The Director of Admissions may require the applicant to submit a transcript of his previous college work.
3. An applicant for admission as a transient student must present a statement from the dean or registrar of the institution that he last attended recommending his admission as a transient student. Students on academic probation or suspension or on disciplinary suspension will not be admitted.

EARLY ADMISSIONS

North Georgia College will allow certain high school students to enter college under the Early Admissions Plan. Students applying under this plan should have completed the eleventh grade and have credit for at least 13 of the 14 academic

units required under the section for regular admission. Such students should present at least a B average or better, good SAT Scores, and an unqualified recommendation from the high school counselor or principal.

AUDITORS

Regularly enrolled North Georgia College students may register for courses as auditors. No academic credit shall be awarded to students enrolled on this basis. No student may register to audit more than five (5) hours of course work per quarter. Fees assessed for courses audited are the same as fees for courses taken for credit.

RE-ENTRANCE OF STUDENTS

Students who have previously enrolled at North Georgia College but have discontinued their enrollment for any reason must submit an application to re-enter. Such students will not be required to re-submit all records required of new students, but must submit an application and deposit to the Director of Admissions at least twenty days prior to the registration date for the quarter they propose to re-enter. They will be formally notified of readmission.

SPECIAL STUDENTS

Irregular students and special students and all other students of classifications not covered in these policies shall be required to meet all requirements prescribed for admission to undergraduate study and to meet any additional requirements that may be prescribed by the institution. Special students are not considered to be degree candidates. Special Students are admitted for one quarter only. When the "Special Student" terminates his or her enrollment, it will be necessary for him or her to process withdrawal papers. If the student desires to continue enrollment the Admissions Office must be notified of this intent 20 days prior to the date of registration for the next quarter.

CREDIT BY EXAMINATION

Credits may be awarded to entering students upon the presentation of acceptable official scores on certain standard examinations. Students wishing to have this credit awarded by North Georgia College should contact the Director of Admissions for approval prior to taking examinations. For further information see "Credit by Examination," in the section on Academic Regulations.

COLLEGE EXPENSES AND FEES



North Georgia College, as a state-supported institution, furnishes four years of college education at the lowest possible cost.

Following is a complete table of all costs at North Georgia College.

ALL FEES, BOARD, ROOM RENT, AND OTHER CHARGES ARE DUE AND PAYABLE PRIOR TO EACH QUARTER OR AT REGISTRATION AND ARE ALL SUBJECT TO CHANGE AT THE END OF ANY QUARTER.

SUMMARY OF COSTS — 1976-1977

REGULAR QUARTERLY COSTS

Matriculation Fee	\$145.00
Health Fee	18.00
Athletic Fee	6.00
Activity Fee	12.00
Board	210.00
Room	162.00
	<hr/>
	\$553.00

An application fee of \$10.00 is required of all students and must accompany the application for admission.

A room deposit of \$25.00 is required of all dormitory students upon acceptance for admission.

A uniform deposit of \$100.00 is required of all freshman men prior to any uniform alterations or issue.

Checks and money orders should be made payable to North Georgia College.

OTHER COSTS AND SPECIAL FEES (Includes Sales Tax)

Books and School Supplies, \$40.00 to \$50.00 per quarter average.
Personal expenses vary widely and obviously depend upon the student.

<i>SPECIAL CHARGES</i>	<i>AMOUNT</i>	<i>WHEN DUE</i>
Out-of-State Fee	\$238.00	Each Quarter
Graduation Fee (undergraduate)	10.00	May 1 of graduation year
Graduation Fee (graduate)	15.00	May 1 of graduation year
Yearbook	12.00	Fall Quarter
Transcript Fee	1.00	Each copy over one
Late Registration Fee	15.00	
Applied Music Fee	10.00	Per credit hour
Vehicle Registration	3.00	Each Quarter

EXPLANATORY NOTES

Note No. 1: Payments

Students and parents are expected to take notice of due dates on all payments and pay promptly without further notice or request. Open accounts cannot be carried.

Note No. 2: Matriculation, Health, and Activity Fees

All students pay the established matriculation activity fee, athletic and health fee. These fees cover all general fees of the college.

Note No. 3: Advance Payment Plan

North Georgia College offers its students and parents a special monthly payment plan for college fees, board, and room. This plan has proven to be helpful for many of our parents. But in order to meet the requirement of the Board of Regents that all expenses be pre-paid, our monthly payment plan begins on July 15 for the Fall Quarter. In this way, expenses will be completely pre-paid at the beginning of each scholastic quarter.

	<i>Date</i>	<i>Georgia Resident</i>	<i>Out of State Resident</i>
FALL	July 15	\$184.00	\$263.00
FALL	August 15	184.00	264.00
FALL	September 15	185.00	264.00
WINTER	October 15	184.00	263.00
WINTER	November 15	184.00	264.00
WINTER	December 15	185.00	264.00
SPRING	January 15	184.00	263.00
SPRING	February 15	184.00	264.00
SPRING	March 15	185.00	264.00

SUMMER	April 15	184.00	263.00
SUMMER	May 15	184.00	264.00
SUMMER	June 12	185.00	264.00

Note No. 4: Room Deposit

This deposit will be applied to the room charge at the beginning of the student's second quarter in residence. This deposit must also be made by returning students in order to reserve a room for each Fall quarter. Upon written request to the Comptroller 30 days prior to the beginning of a quarter, the room deposit will be refunded to non-returning students or students moving off campus.

Note No. 5: Board / Purchase of Meals

All students living in College dormitories are classified as boarding students and are required to pay the quarterly board fee.

Commuting students may purchase a meal plan if they desire.

Board charges cover meals in the College dining halls only, and no meals are furnished during College holidays.

No provisions can be made for special diets.

Note No. 6: Books

The estimated cost shown for books is based upon the average experience. Cost of books after the initial purchase may be considerably reduced should the student wish to sell his used texts and purchase similar used books.

Note No. 7: Purchase of Supplies

Gymnasium uniforms, books, and supplies must be paid for at the time of issue or at the time of purchase.

Note No. 8: Checks

Students who pay fees with postdated checks or with checks returned for insufficient funds will be charged a late registration fee.

REFUNDS

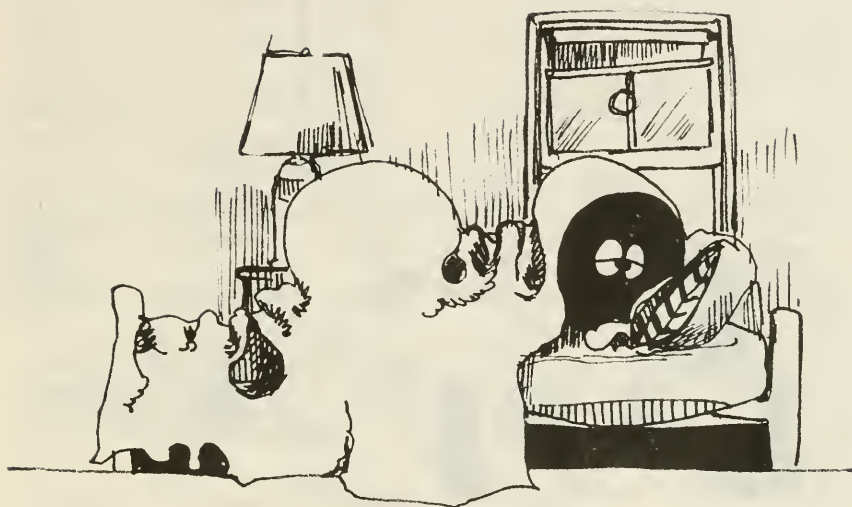
Formal withdrawal must begin with a written approval from the Dean of Students or Dean of Women. At the time this approval is granted, specific instructions will be given for the student to complete his formal withdrawal. Any deviation from this procedure will be considered as an irregular withdrawal and will result in the forfeiture or the loss of any refund due.

In the case of formal withdrawal, a refund of the Matriculation Fee may be made on the following basis:

- (1) Withdrawal during one week following the scheduled registration date; a refund of 80% of the Matriculation Fee paid for that quarter;
- (2) Between one and two weeks, 60%;
- (3) Between two and three weeks, 40%;
- (4) Between three and four weeks, 20%;
- (5) After four weeks, no refund.

No refund can be made on Activity or Health fees.

In case of withdrawal, a refund on board and room may be made on the number of full weeks remaining in the quarter.



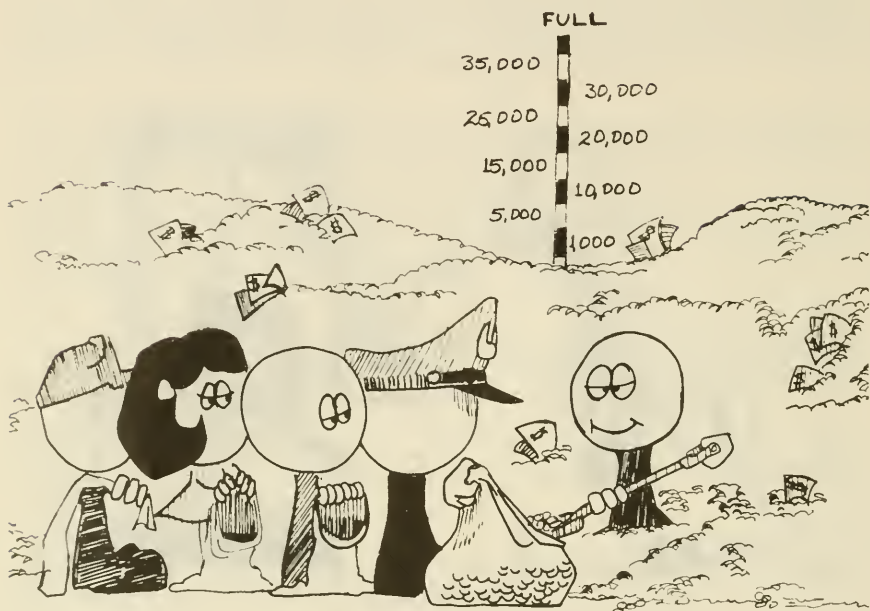
In case of excused absence, a refund on board, not room, may be given on that part of the student's absence which is in excess of two weeks.

Refunds over \$25.00 are sent directly to the student's home address or applied as credits to the student's account.

OVERNIGHT GUESTS

Guests may be accommodated overnight in the dormitories by reservation with the Dean of Students for \$2.00 per night. If College linens are used, an additional charge of \$1.00 per change will be made.

STUDENT AID/FINANCIAL ASSISTANCE



The primary purpose of the financial aid program is to provide assistance to students, who, without such aid, would be unable to attend college. Parents are expected to pay as much as they can afford, but beyond this point, the college offers a variety of aid programs consisting of loans, grants, scholarships and employment. No application for scholarship or loan, sponsored or supported from state or federal funds, may be considered until financial need has been established. Once need is established and amounts determined, the Financial Aid Director puts together for the individual a "Financial Aid Package" from various money sources.

All requests for financial assistance should be directed to the Director of Student Aid.

North Georgia College participates in the College Scholarship Service (CSS) of the College Entrance Examination Board. The CSS assists colleges in determining the student's need for financial assistance.

Students seeking financial assistance are required to complete a Parents' Confidential Statement (PCS) or Student Financial Statement (SFS) designating North Georgia College as one of the colleges to which the report of financial need will be sent. The PCS form may be obtained from a local high school, the College, or College Scholarship Service, P.O. Box 176, Princeton, New Jersey. Married or in-

dependent students must submit the Student Financial Statement. Copies of this form may be obtained from the North Georgia College Office of Student Aid. The deadline for Fall application is May 1, and applicants may expect notice of award in early June.

GRANTS

THE BASIC OPPORTUNITY GRANT

The "BOG" is open to all students and is a federal aid program. The maximum grant under this program is \$1,400. The award, however, may be less than this maximum amount, because the actual grant is based on the family's expected contribution and two other factors: (1) the amount of funds appropriated by Congress; and (2) the yearly educational costs, since the grant cannot exceed one-half that cost and because costs vary from college to college.

Any citizen of the United States who has **never** matriculated at a college prior to April 1, 1973, is eligible to apply for this entitlement.

Application for this grant is made by submitting a "Needs Analysis Application" to the contractor designated by the Office of Health Education and Welfare. This form may be secured from your high school counselor.

SUPPLEMENTARY EDUCATIONAL OPPORTUNITY GRANT

The "SEOG" was established by the Higher Education Act of 1965 and is a direct award to students with exceptional financial need. The exact amount of the award depends upon the financial resources of the individual and parents and the cost of attending North Georgia College. This grant may not exceed 50% of your demonstrated financial need.

SCHOLARSHIPS

GEORGIA INCENTIVE SCHOLARSHIP

The Georgia Incentive Scholarship program was created by an act of the 1974 Georgia General Assembly in order to establish a program of needs-based scholarships for qualified Georgia residents to enable them to attend eligible postsecondary institutions of their choice within the state. The scholarship awards are designed to provide only a portion of the student's resources in financing the total cost of postsecondary education.

HAMMOCK SCHOLARS

Asa D. Hammock, a native of Newton County, Georgia, and a graduate of North Georgia College, Class of 1895, on his death in 1957 willed a substantial portion of his estate to the college. It is his desire that the income from this bequest be used to provide financial assistance in the form of scholarships to students with a demonstrated aptitude for outstanding scholastic achievement.

REGENTS' SCHOLARSHIPS

The Board of Regents of the University System of Georgia receives from the State certain funds from which scholarships may be granted to residents of Geor-

gia attending institutions of the University System. These scholarships were established for the purpose of assisting students of superior ability who need financial aid in order to attend college. A student who wishes to apply for the Regents' Scholarship should direct his application to the Director of Student Aid, North Georgia College, Dahlonega, Georgia, 30533.

LOAN FUNDS

CAPTAIN CHARLES BUFORD JOHNSON, JR., MEMORIAL LOAN FUND

This fund was established in 1963 by North Georgia College graduates and members and friends of the family of the late Capt. Charles B. Johnson, Jr., who graduated from North Georgia in the Class of 1957. Loans may be made to any needy student at North Georgia College.

MOORE LOAN FUND

This fund was donated by Mr. John H. Moore of Dahlonega, formerly a trustee of the college. Preference for assistance is given the graduates of the local Lumpkin County High School. Loan notes bear 6% interest on unpaid balances from the date of loan and must be endorsed by two responsible persons.

COLONEL WILLIAM MANNING SMITH MEMORIAL LOAN FUND

This fund was established in 1960 by members of the family of the late Colonel William M. Smith, Class of 1900.

SENIOR LOAN FUND

Several senior classes have contributed to a fund to assist members of any current senior class. Loans bear no interest, but those aided usually make a contribution to the fund to help someone else.

STUDENT GOVERNMENT ASSOCIATION AND CLASS OF '62 LOAN FUND

Established in 1972, this fund is designed to provide financial assistance to those students in need of small, short-term loans. The money for this fund was donated by the Graduating Class of 1962 in memory of three of their classmates, by the Student Government Association, and by various faculty members.

The Fund is administered through the office of the Dean of Students. To be eligible for a Short-Term Loan, a student must be regularly enrolled as a full-time student at North Georgia College.

ROBERT H. "DOC" WALLER LOAN FUND

This fund was established in 1970 by the family and friends of Doc Waller, a member of the 1969-70 senior class, who was killed in an airplane crash, January 1970. Emergency loans are available from this fund and are repayable within 24 months after graduation at 3% interest.

NATIONAL DIRECT STUDENT LOAN FUND

The college participates in the National Direct Student Loan Program established by the National Defense Education Act of 1958 as amended in 1972. NDEA funds are available to full-time, degree-seeking students regularly enrolled in college. Students attending summer school only are not eligible.

A maximum loan of \$1,500 for undergraduate work and \$2500 for graduate work may be obtained each year for an overall maximum loan not to exceed \$5,000 for undergraduate and \$10,000 for graduate work. Loans must be repaid at 3% simple interest scheduled on a quarterly basis beginning the first of the tenth month after you cease to be enrolled at least half-time. Minimum quarterly payments are \$90 and the total loan must be repaid within 10 years after repayment begins.

GUARANTEED LOANS

The Guaranteed Loan Program was authorized by the Higher Education Act of 1965.

Guaranteed loans are arranged through private banks and other financial institutions participating in the program. As much as \$1,500 per year may be borrowed in this program. Interest is paid by the Federal Government until the student completes his education, if the family's adjusted gross income does not exceed \$15,000 per year.

In Georgia this loan program is administered by the Georgia Higher Education Assistance Corporation (GHEAC), 9 LaVista Perimeter Park Suite 110, Atlanta, Georgia 30084.

In the event that you are unable to locate funds locally, North Georgia College has a limited amount of endowed funds which may be used under this Guaranteed Loan Program. Application should be made through our Director of Financial Aid.

A list of financial institutions participating in the program may be obtained by contacting GHEAC. Students who are residents of other states may inquire about this loan by contacting United Student Aid Funds, 845 Third Avenue, New York, N.Y. 10022.

OTHER SOURCES OF FINANCIAL ASSISTANCE

STATE SCHOLARSHIP COMMISSION

Scholarships will be granted to legal residents of Georgia who would not otherwise have the necessary funds to finance programs of study in medically-related areas, including dentistry, nursing, pharmacy, social work, medical technology, etc. Stipends vary in relation to established need and the average cost of study at the college. Additional information and applications may be obtained from the State Scholarship Commission, 9 LaVista Perimeter Park Suite 110, Atlanta, Georgia 30084.

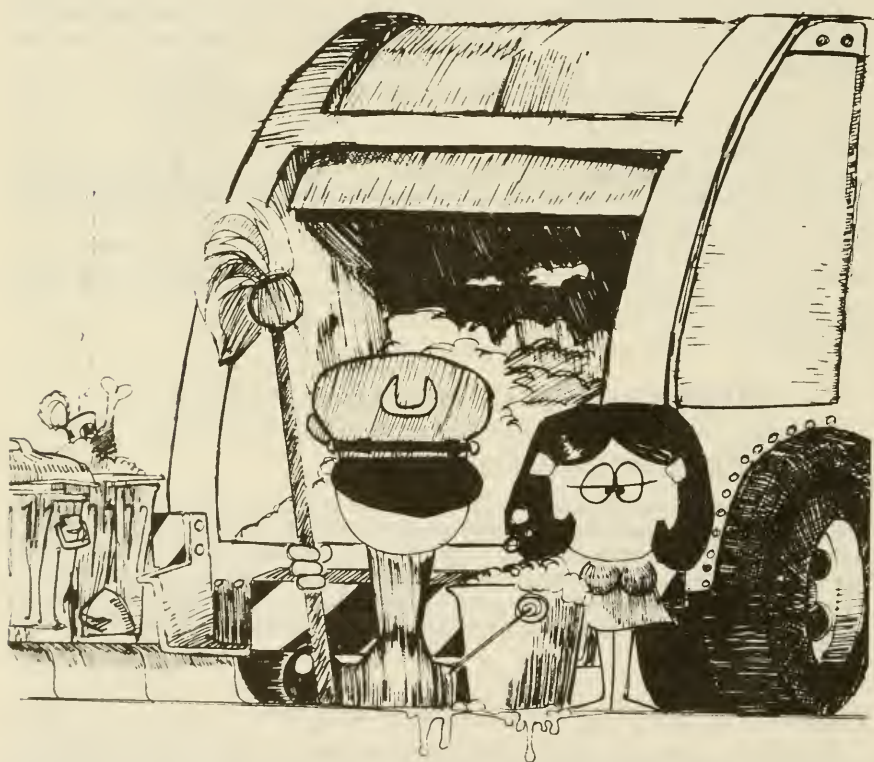
PICKETT AND HATCHER EDUCATION FUND

The late Mr. Claud A. Hatcher of Columbus, Georgia, created an educational loan fund for the purpose of aiding a large number of worthy students in securing courses in broad liberal college training. Limitations prevent loans being granted to students of law, medicine, and for the ministry. Applications and requests for addi-

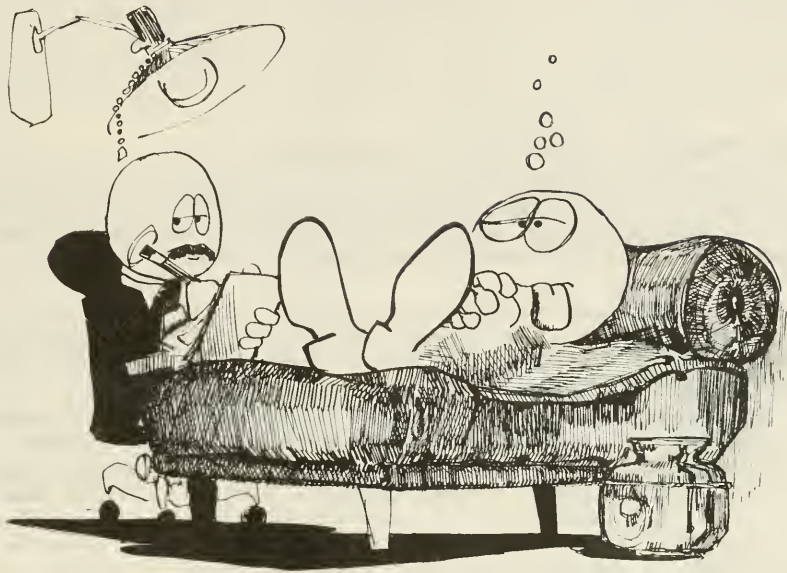
tional information should be addressed to Mr. Guy E. Snavley, Jr., Executive Secretary, Pickett and Hatcher Educational Fund, P.O. Box 1238, Columbus, Georgia.

EMPLOYMENT OPPORTUNITIES

Students who demonstrate need and otherwise qualify for the College Work-Study Program can be employed for up to 15 hours per week for full-time students. To be eligible, a student must be at least a half-time student (entering freshmen may be eligible for summer employment prior to Fall Quarter registration) or, in the case of a student already enrolled, be in good academic standing. The applicant must also be capable of maintaining good academic standing while employed under the program. Preference for employment is determined from an evaluation of the Parents' Confidential Statement and need analysis from the College Scholarship Service.



STUDENT SERVICES



COUNSELING SERVICES

Personal and activities counseling is available to North Georgia College students and organizations at the Student Counseling Center. At no point during a student's undergraduate career at North Georgia College is he without access to personal counseling on any problem. Students are encouraged to seek the help of the Student Counselor for assistance in solving personal and social adjustment problems. Students are also offered aid in planning and organizing student activities, leadership workshops, and other campus projects. The Student Counselor is available to discuss any aspect of campus life. All contacts at the Student Counseling Center are CONFIDENTIAL.

GUIDANCE, PLACEMENT, AND TESTING OFFICE

The Guidance, Placement and Testing Office seeks to aid students in recognizing their abilities and to provide guidance for realizing maximum benefits from their college experience. The Guidance Office also has the responsibility for administering group and individual tests for the college community. Available tests range from individual intelligence and personality tests to vocational inventories and large group tests, such as the Graduate Record Examination.

Additionally, the Director of Guidance provides placement services for North Georgia College students. Information on current employment opportunities and assistance in obtaining employment upon graduation is a service of this office.

FACULTY ADVISERS

Each student is assigned a faculty adviser who is to assist him or her in developing a program of study and to serve as confidant, guide and friend. Students should feel free to consult these advisers concerning academic problems.

HOUSING AND LIVING ACCOMMODATIONS

Applications for dormitory rooms are included as a part of the Admissions Form and should be submitted to the Director of Admissions, North Georgia College. Inquiries about room assignments should be directed to the Assistant Dean of Students for women students and to the Assistant Commandant of Cadets for men students.

The General Policies on Housing for the North Georgia College campus are based on the philosophy that residence hall life is a vital part of the total educational function of the institution. Therefore, the policies which govern the management and operation of campus housing are:

1. All unmarried undergraduate students are required to live in residence halls. Exceptions to this policy may be made in the following cases:
 - a. Students who live in and commute from the residence of parents, grandparents or legal guardians within a 40 mile radius of Dahlonega.
 - b. Students who are married and live with their spouse.
 - c. Students who have a baccalaureate degree.
 - d. Students who have completed 12 quarters in residence and/or male students who have fulfilled the prescribed military courses and activities.
 - e. Students who have been honorably discharged after one full year of military service.
 - f. Students who have successfully completed induction requirements under Reserve Enlistment Program 63 or similar program under another armed service.

Application for exemption from the on-campus requirement must be made in writing to the Dean of Students *no later than two weeks* prior to the beginning of the quarter during which the student anticipates living off campus. The student will be notified in writing of the decision. All off-campus moves must be completed by the end of the first week of each quarter. Application forms for commuter status are available in the office of the Dean of Students.

2. Roommate requests will be honored whenever space permits. Such requests can be accommodated more easily if the students concerned indicate their roommate preference on their application, submit applications at the same time, and check into the assigned residence hall together.
3. Rental rates on campus housing facilities are subject to change without notice.
4. All rooms are designed for double occupancy. Room rates are computed on this basis. Private rooms may be obtained on a space available basis at 1 ½ times the normal room rate.

5. Campus housing accommodations may be denied, cancelled, or changed at the discretion of the College. The College reserves the right to enter and inspect any campus residence room or space at any time.

ON-CAMPUS HOUSING FOR MEN. There are two residence halls for men on the North Georgia College campus. (Sirmons and Gaillard Halls) Each residence hall houses one of the Cadet Battalions. Furnishings within individual rooms include beds, chests, desks and a closet. Students are expected to provide their own pillows, linens, lamps, and radio/stereo. Rooms rent for \$162 per student per quarter.

ON-CAMPUS HOUSING FOR WOMEN. Residence halls for women include Lewis Hall (freshmen only), Lewis Annex and a new 248 bed hall opened during the Winter Quarter, 1976. Furnishings within individual rooms include beds, chests, desks and closets. Students are expected to provide their own pillows, linens, lamps, curtains (if desired), and radio/stereos. Rooms rent for \$162 per student per quarter.

HEALTH SERVICE

North Georgia College maintains an Infirmary facility on the campus for all students. The Infirmary is supported by a quarterly health fee. There is no additional charge for the professional services of the physician.

The Infirmary is open 24 hours a day while the College is in session. Treatment for nearly all minor illnesses and injuries is provided. Serious cases are referred to the Lumpkin County Hospital in Dahlonega.

The College assumes no responsibility for injuries received in voluntary or required activities, for the cost of prescriptions not stocked within the Infirmary, for special nurses, for consultation and hospital expense in the more serious cases of illness and accidents, for special X-ray work or surgery of any kind, nor for the health of students who do not abide by regulations of the Infirmary or the instructions of the College Physician.

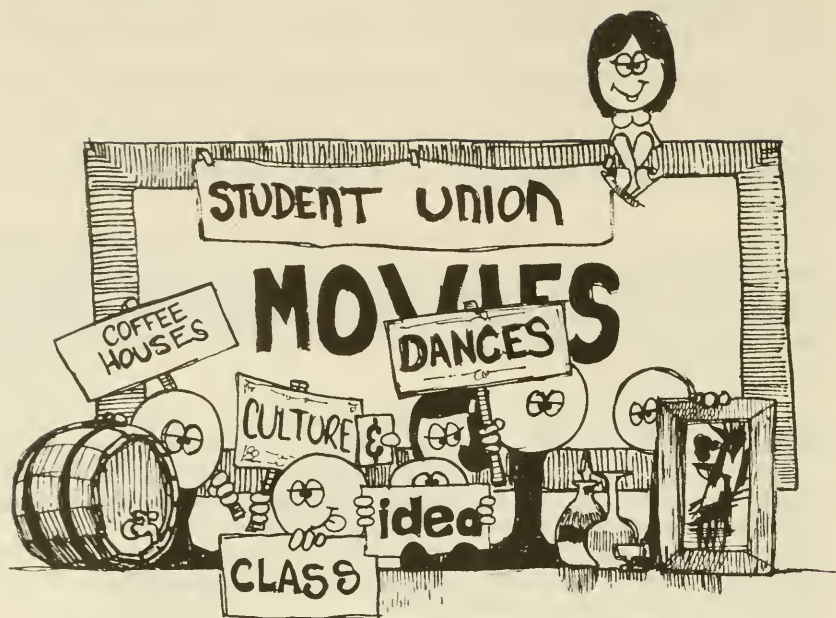
THE STUDENT CENTER

The \$1.4 million Student Center, which opened in 1970, houses areas designed for many different kinds of activities. A little theatre offers an outstanding theatrical facility for drama, music and public affairs. A new cafeteria and canteen complex provides dining and snack facilities. The activity area contains a bowling alley, game room, and Koffee House. *Offices for student government and student activities, as well as meeting areas for other campus organizations, are also provided.* Lounge areas and TV rooms provide ample space for leisure and social activities.

CANTEEN/BOOKSTORE/POST OFFICE

The North Georgia College Canteen, Bookstore, and Post Office are located in the Union Building. They are operated for the convenience of students and faculty.

The Canteen provides a wide selection of soft drinks, sandwiches, and other refreshments. The Bookstore offers a complete line of school supplies and textbooks. *The Post Office maintains post office boxes for students on a rental basis.* Each student who wishes to receive mail at the College is urged to check his post office box daily for communications from various departments and outside mail.



The correct mailing address for each student will be: name, NGC Box Number, Dahlonega, Georgia 30533.

ORIENTATION

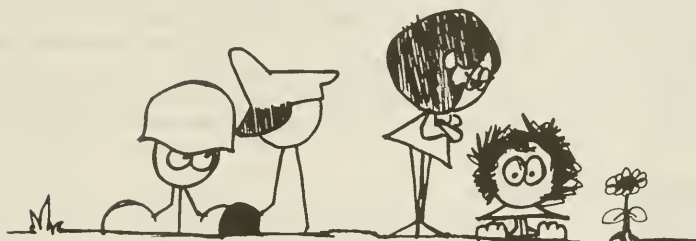
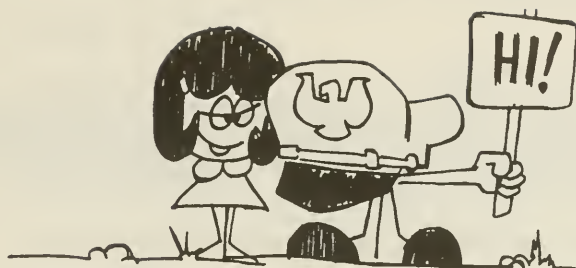
North Georgia College sponsors a Summer Orientation Program for all new freshmen. The program is conducted in four sessions during the summer and early fall. Faculty, administrators, staff members and student leaders carry out the program to acquaint the new students with the academic, extra-curricular and social life of North Georgia College. The series of events in the program are planned to give new students information about the academic community, advanced placement and screening tests, assignment of faculty advisors, academic counseling, and to familiarize each student with the services and facilities of the college.

Upon acceptance at North Georgia College, each new student will receive by mail a brochure relating the pertinent information concerning the requirements, fees, etc. for participants in the Orientation Program.

LIBRARY SERVICES

The new Stewart Memorial Library is the center of academic life at North Georgia College. Its shelves accommodate more than 100,000 volumes, and it has wide holdings in non-book materials, such as films, slides, tapes, recordings, magazines, newspapers, microfilms, maps and pictures. Information on special collections and regulations concerning the loan of library materials are listed in the Library Handbook, which is issued to all faculty members and students.

STUDENT LIFE



North Georgia College is a unique educational institution, and one important reason for this uniqueness particularly pertinent to the students is the extent to which he or she is directly involved in the leadership and management of the organizations affecting student life. It would be hard to find any other tax supported institution in the United States that provides its students more worthwhile opportunities for direct and immediate involvement in actual student government than does North Georgia. These opportunities for practical experience in leadership and personnel management, for character development, and for assumption of responsibility are derived naturally and directly from the structured organization of the College's student body. This diverse student body is comprised of resident and non-resident members of the Corps of Cadets, resident and non-resident women, and commuting students who are not members of the Corps. The following paragraphs provide a brief explanation of the NGC student government, campus organizations, the manner in which resident students are organized for daily living, and some of the basic regulations by which all students are expected to gauge their conduct.

STUDENT GOVERNMENT ASSOCIATION (SGA)

The North Georgia College Student Government Association is composed of elected representatives of each class on campus and executive officers as prescribed by the bylaws and is the ranking student organization on the campus. It is

the coordinating body for various student activities, organizations and class elections, and is a medium for communication between the administration, faculty and the student body.

CORPS OF CADETS

The Corps of Cadets is the governing body of all resident male students. The Corps, organized into a Brigade structure, is represented on the Student Government Association. Specific information on the Corps and the R.O.T.C. program may be found under the section entitled "The Military Program".

WOMEN'S STUDENT GOVERNMENT ASSOCIATION

The Women's Student Government Association, which includes all women students at North Georgia College, was organized to promote the welfare of the women students of the College. The WSGA is a self-governing organization through which women students can become active participants in the governance of the student body.

The governing body of the WSGA is the Women's Affairs Board. It is made up of elected representatives and is responsible for the citizenship of women students on campus. The WSGA provides for House Councils and House Judiciary Boards elected by resident students who are responsible for governing residence halls. Head Residents advise these organizations in their respective residence halls.

Rules and regulations governing student conduct are included in the Student Handbook. New students are provided with copies of the Handbook during Orientation and are responsible for having a general knowledge of its content.

COMMUTER STUDENTS

Male students who qualify as commuters may attend the College in a non-military status. There is, of course, nothing to preclude a commuter from full participation in the College's military program. A male student meeting any one of the exceptions listed under the section, Housing and Living Accommodations, may be granted commuter status.

Women students other than those who are married, living in the home of parents, grandparents, or legal guardians, are required to live in College housing. Married women students may apply for residence in dormitories on a space available basis.

Commuter students are subject to all appropriate college regulations included in the Student Handbook.

N.G.C. UNION GOVERNING BOARD

The N.G.C. Union Board is the planning and programming body for student activities on the N.G.C. campus. Any student interested in a variety of campus activities can contribute his ideas and talents by actively participating on the College Union Board. The Union Board, located in the N.G.C. Union Building, is a comprehensive program of student activities planned and executed by enthusiastic students. Seven Union Board Committees — Decorations and Hospitality, Ideas and Issues, Cultural Affairs, Publicity and Public Relations, Social Activities and Koffee House, Recreation, and Cinematic Arts — work with many phases of campus life to provide worthwhile educational, social, and cultural programs for

the college community. The Union is a laboratory for living and for the education of the whole person.

STANDARDS OF CONDUCT

While the specific rules governing student conduct are spelled out in detail in the Student Handbook and Blue Book, the standards of conduct expected of North Georgia College students are basically those prevailing in any well ordered society comprised of intelligent, moral ladies and gentlemen. Minor infractions of rules are handled within the organizational structure of the Corps of Cadets and Women's Student Government Association. Serious breaches of the standards of conduct or College regulations are referred to the College Discipline Committee by the Dean of Students. This committee is composed of faculty and students and is the primary judicial body on campus.

DISRUPTIVE CONDUCT

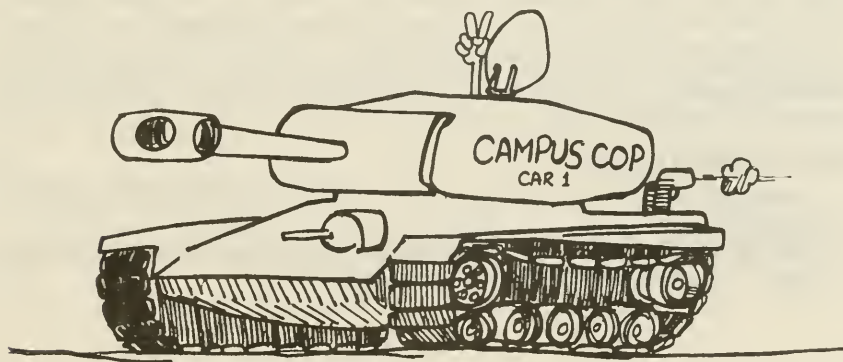
The Board of Regents of the University System of Georgia has stated that any student who, acting singularly or in concert with others, obstructs or disrupts, or attempts to obstruct, or disrupt, by force or violence, or by threat of force or violence, any teaching, research, administrative, disciplinary, public service or any other activity authorized to be held or conducted on the campus of North Georgia College or on any campus of the University System of Georgia, shall be subject to immediate dismissal.

The words "force" and "violence" shall be construed to include such obstructive and disruptive acts as stand-ins, sit-ins, and lie-ins.

Any student who remains in or refuses to vacate any building on the campus of North Georgia College or on the Campus of any institution within the University System of Georgia at a time when such building is normally, usually and customarily closed to students, and after having received notice to vacate from the President of the institution or other officer charged with the custody and control of the building, shall be subject to immediate dismissal.

VEHICLE REGULATIONS

Any student may register and keep a vehicle on campus provided he is qualified to do so under the laws of the State of Georgia and the College. All vehicles parked or operated on campus must be registered with Campus Security. The right of a student to operate and/or possess a vehicle is considered by the College to be a privilege which may be revoked for cause at any time. A quarterly vehicle registration fee of \$3.00 is payable at the beginning of each quarter's registration.



STUDENT ORGANIZATIONS, HONORS AND AWARDS



Life at North Georgia College is enriched by a variety of groups and organizations. Some of these organizations encourage and direct the scientific, scholarly, artistic, or humanitarian interests of students and of the faculty and administration. Some provide honorary recognition for achievement. Others are purely social or combine learned interests with social recreation. No attempt is made in the following section to present a detailed account of all organizations and their activities. Full information is provided in the Student Handbook which is distributed to all students at registration.

ORGANIZATIONS

HONORARY ACADEMIC ORGANIZATIONS: Alpha Lambda Delta, Nu Gamma, Phi Kappa Phi

HONORARY PROFESSIONAL ORGANIZATIONS: Alpha Psi Omega (Drama), Phi Alpha Theta (History), Phi Beta Lambda (Business)

RELIGIOUS ORGANIZATIONS: Baptist Student Union, Newman Club, Wesley Foundation

GENERAL GREEK LETTER ORGANIZATIONS: Sororities: Two national chapters — Kappa Delta and Phi Mu. Fraternities — Three national chapters — Pi Kappa Phi, Sigma Phi Epsilon, and Sigma Nu

MILITARY ORGANIZATIONS: Aggressor Platoon, Association of the United States Army, Blue Ridge Rifles, Drill Platoon, Brigade Band, Mountaineering Platoon, Officers' Club, Non-Commissioned Officers' Club, Rifle Team, Scabbard and Blade

SPECIAL INTEREST GROUPS: Better Learning and Cultural Knowledge Club, Chorale, College Union, Collegiate Civitan, Concert Band, Girls Drill Team, Girls Mountaineering Society, Interfraternity Council, Panhellenic Council, Parachutist Club, Physical Education Majors Club, Recreation Association, Rec Clubs, Rod and Gun Club, Scuba Club, Student Council for Exceptional Children, Student Georgia Association of Educators, Society of Natural and Applied Sciences, Zetontes Altheian

HONORS AND AWARDS

HONORS LIST

Students who have a grade-point average of 3.3 while carrying a normal academic load with no grade below "B" will be placed on the Honors List for the succeeding quarter.

An Honors Day program is held during the Spring Quarter in recognition of those students who are on the Honors List for the two preceding quarters.

HONORS PROGRAM

The college offers an honors program in a number of departments. Students demonstrating superior abilities are given the opportunity to enroll in special courses designed to make the maximum use of their capacities.

SENIOR HONORS

A student is graduated Summa Cum Laude if his over-all grade ratio is 3.9; Magna Cum Laude if the grade ratio is 3.7; Cum Laude if the grade ratio is 3.5.

Transfer students who have been in residence for at least the junior and senior years and have established the following grade ratios, may be graduated with senior honors: Summa Cum Laude, 3.9; Magna Cum Laude, 3.7; Cum Laude, 3.25.

BUSINESS ADMINISTRATION ACHIEVEMENT AWARD

Annually, at the Honors Night Assembly, a \$100 Series E United States Government Bond will be awarded to the Business Administration or Business Education major graduating with the highest grade-point average for the entire four-year program of study determined at the close of the winter quarter.

CLARK MATHEMATICS MEDAL

This medal is awarded annually to the student who establishes the highest scholastic average in mathematics above Mathematics 99 and including Mathematics 245.

DISTINGUISHED MILITARY STUDENT

The DMS is awarded to senior ROTC students who possess outstanding qualities of leadership and high moral character, have exhibited a definite aptitude and interest for the military service, and have attained an overall academic standing in the upper half of his or her college class and in the upper third of their ROTC class. Each student designated a DMS may apply for a commission in the Regular Army.

DOROTHY BROWN AWARD IN ENGLISH

Each year the Dorothy Brown Award in English will be made to the student who has the highest average grade in a minimum of two courses in English literature prior to 1700. The award will consist of a \$100 U. S. Government bond made possible by a grant from Dr. Dorothy Brown, Professor Emerita of English.

DRAMA AWARD

A cash award is made annually to the coed or cadet who makes a continued outstanding contribution to and achievement in the drama program.

GOOD CONDUCT AWARD

This bar is awarded to ROTC students at the end of their first year based upon their compliance with regulations formulated by the Professor of Military Science and the Commandant of Cadets.

HAWKINS CITIZENSHIP AWARD

This award in the form of a key is given each year to a graduating senior selected by the entire faculty who has been outstanding in general campus citizenship. The senior's name is engraved on a plaque which remains with the college in honor of those who have been selected.

MERITORIOUS LEADERSHIP ACHIEVEMENT AWARD

The Commanding General, U.S. Army First ROTC Region, annually awards a Certificate of Meritorious Leadership Achievement to the ROTC student who has demonstrated the most outstanding qualities of leadership during the academic year.

MEYER-RAEBURN AWARD

In memory of Abner A. Raeburn, this award is presented to the cadet who has displayed strong moral and ethical concepts, courtesy in his behavior, and respect for recognized authority.

MILITARY HISTORY AWARD

The Association of the United States Army presents an award annually for excellence in the study of military history in ROTC units.

THE LAMAR PITTARD MEMORIAL AWARD

This award was established in 1973 in memory of Captain Lamar Pittard, a 1968 graduate of North Georgia College, who was accidentally killed in Germany in 1972.

While a student at North Georgia College, Captain Pittard was a proud member of the Blue Ridge Rifles Drill Team. Because of his high interest in the Drill Team,

and his desire to perpetuate its goals, this award has been established by his family to annually recognize the outstanding member of the Blue Ridge Rifles.

The award consists of an appropriately engraved trophy and monetary award (savings bond) presented to the recipient each year during Parents' Day Ceremonies. Additionally, a larger plaque will be on permanent display at the College recognizing past recipients.

SILER SCHOLARSHIP PLAQUE

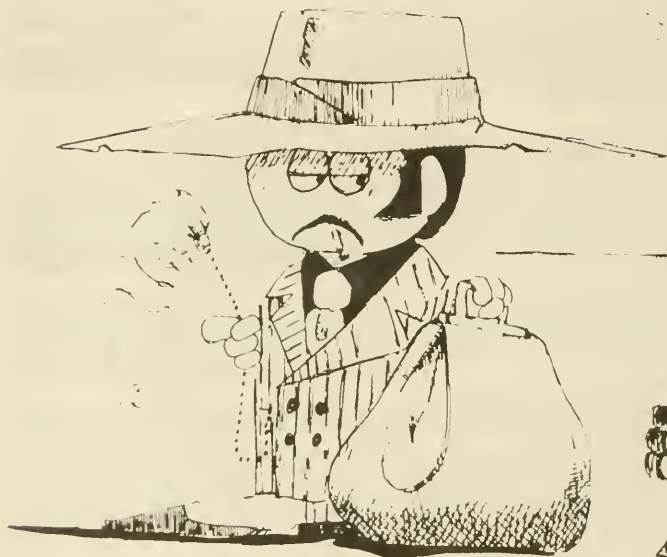
This award is presented annually to that student who has earned the highest quality-point ratio for not less than 75 quarter hours at North Georgia College.

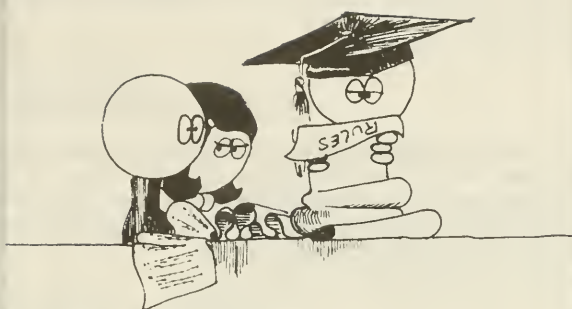
STEWART MEMORIAL AWARD

Established by the family of the late Joseph S. Stewart, former President of North Georgia College, this award will be presented annually to the outstanding senior athlete who has best exemplified the outstanding characteristics most desirable of a North Georgia College student.

WHO'S WHO IN AMERICAN COLLEGES AND UNIVERSITIES

Members of Who's Who are selected from the Senior Class by a faculty committee on the basis of scholarship; service to the College; contribution to and leadership in campus extra-curricular activities; and spirit and degree of cooperation with administration, faculty, and fellow students in furthering general college policies and ideals.





ACADEMIC REGULATIONS

EDUCATION \approx **SECONDARY/EARLY CHILDHOOD**
JUNIOR HIGH/GENERAL SCIENCE
SPECIAL EDUCATION ★ ★ ★ ★ ★
ENGLISH ★ ★ ★ ★ **FINE ARTS** \approx **MUSIC**
ART EDUCATION **CRAFTS DESIGN** **MATH** ★ ★ ★ **MODERN**
LANGUAGE **FRENCH** ★ **GERMAN** **SPANISH** **HEALTH** —
P.E. & RECREATION ★ **PHYSICS**
PSYCHOLOGY ★ ★ ★ ★ ★ **PROGRAMS IN**
THE SOCIAL SCIENCES
POLIT SCIENCE ★ ★ ★ **CRIMINAL**
JUSTICE HISTORY SOCIOLOGY
PROFESSIONAL **PROGRAMS IN** **MEDICINE DENTISTRY**
MEDICAL TECH NURSING LAW

ACADEMIC REGULATIONS

It is the responsibility of the student to be familiar with the academic regulations of North Georgia College.

Each student is urged to read the regulations carefully and to seek interpretation from his academic adviser or from the Office of the Dean in the event that there should be any questions.

COLLEGE HONOR

At North Georgia College, a sense of self-respect, dependability, and high honor prevails. Hence, any degree of dishonesty in areas of academic work, or the giving or receiving of unauthorized help in any quiz, test, or examination is regarded as one of the most serious offenses that can be committed against the honor of the college and the student group.

ACADEMIC CREDITS

Credits are expressed in terms of quarter hours. One quarter hour is the credit given for the work of one hour per week throughout one quarter. A course that is taken five times a week for one quarter is equal to five quarter hours. Laboratory science and some courses in other disciplines carry credit value of one hour for each lecture period and one hour for each required laboratory period.

UNIFORM GRADING SYSTEM

Uniform Grading System. All institutions of the University System of Georgia shall be on a 4.0 grade point average system. The following grades are approved for use in institutions of the University System of Georgia and are included in the determination of the grade point average:

A — Excellent	4 quality points per quarter hour
B — Good	3 quality points per quarter hour
C — Satisfactory	2 quality points per quarter hour
D — Passing	1 quality point per quarter hour
F — Failure	No quality point per quarter hour
WF — Withdrew, Failing	No quality point per quarter hour

The following grading symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average.

- I — This symbol indicates that a student was doing satisfactory work but, for non-academic reasons beyond his control, was unable to meet the full requirements of the course. If an "I" is not satisfactorily removed after one quarter of residence, the symbol of "I" will be changed to the grade "F" by the appropriate official. Under special circumstances this period of time can be increased with the approval of the department head and the academic dean.

- IP — In Progress (for Special Studies only)

- W — This symbol indicates that a student was permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the mid-point of the total grading period except in cases of hardship as determined by the appropriate official of the respective institution.
- V — This symbol indicates that a student was given permission to audit this course. Students may not transfer from audit to credit status or vice versa.
- K — This symbol indicates that a student was given credit for the course via a credit by examination program.

CUMULATIVE GRADE POINT AVERAGE

Cumulative Grade Point Average. The cumulative grade point in each institution of the University System of Georgia will be calculated by dividing the number of hours scheduled in all courses attempted in which a grade of A, B, C, D, F, or WF has been received into the number of grade points earned on those hours scheduled. The cumulative grade point average will be recorded on the student's permanent record.

For graduation, every candidate for a degree must complete a minimum of 185 quarter hours of academic work, exclusive of Basic Physical Education. The student must have a minimum contract grade point average of 2.0 on all work presented for graduation, including Basic Physical Education.

CHANGES IN GRADES

All grade changes must receive the approval of the Dean before they can be recorded by the Registrar. Any grade will be changed upon a written statement by the instructor that the grade reported was in error.

A candidate for graduation who makes a grade of F in his or her last year in an upper-division course necessary for a degree may have the privilege of one re-examination provided there is no opportunity to repeat the course and the approval of the instructor, the head of the student's major department and the Dean of the College is secured. Grades in not more than two courses may be changed by this method.

CHANGES IN PROGRAMS OF STUDY

Lower-division study programs are changed only by the permission of the Dean of the College upon recommendation of the Academic Advisor. Upper-division study programs are changed only by written authorization from the Head of the Department concerned and the Dean.

Changes in study programs should be made during the first seven days of the quarter. Withdrawal from a course after the first seven days will result in a grade of WP (withdrawal, passing) or WF (withdrawal, failing) as determined by the instructor. The courses with grades of WF and F are included in computing grade-point ratio, but grades of W are excluded.

Conflicts in schedules are resolved by the Registrar of the College. Students are held responsible for unauthorized changes of schedule which may result in a loss of college credit.

CLASSIFICATION OF STUDENTS

For enrollment in the Sophomore Class, a student must have passed 45 quarter hours of work; in the Junior Class, 90 quarter hours; the Senior Class, 135 quarter hours.

GRADE REPORTS

At mid-quarter, a report of unsatisfactory grades (D or F) is sent to all students. At the close of each quarter, a report of the student's work is sent directly to the student at his home address.

ACADEMIC PERFORMANCE GUIDELINES

Every student at North Georgia College is encouraged to achieve the highest level of scholarship. Since a grade point average of 2.0 or better is required for graduation, this should be regarded as the minimum satisfactory level of academic achievement.

In order to give the student a reasonable opportunity to meet the requirements for graduation, the following policies have been established:

Any student whose cumulative grade point average does not meet the following minimum standards will be referred to the Academic Review Committee, which may recommend probation or suspension.

45 quarter hours	1.5 grade point average
90 quarter hours	1.7 grade point average
135 quarter hours	1.9 grade point average

In addition, a full-time student must earn credit in at least one five-hour course to be eligible to register for the succeeding quarter.

PROBATION AND SUSPENSION

A student who is placed on probation must remove the probationary status while officially enrolled in and attending classes at North Georgia College. Probation can be removed by achieving the required minimum standards on hours earned and grade point average as outlined above.

While on Academic Probation, any student who earns fewer than 10 hours credit and 15 quality points shall not be eligible to register for the following quarter. If a student remains on Academic Probation for three successive quarters and fails to remove himself from Probation at the end of the third quarter, he will not be eligible to re-enter the following quarter.

Students suspended at the end of the Spring Quarter will not be eligible for re-admission until the Winter Quarter of the following year.

Students who fail to meet the above regulations because of illness or because of an approved sub-normal load may receive such special consideration as their cases merit.

Work undertaken at another institution by a student under academic suspension cannot be transferred at a later date for credit toward a degree at North Georgia College.

After a student has been suspended, it will be necessary that he submit an application for re-admission to the Director of Admissions before his return to the institution can be considered.

STUDENT LOAD

A student who is initially registered for twelve quarter hours or more will be classified as a "full-time" student.

A normal or average student load is from fifteen to eighteen hours exclusive of Military Science and basic Physical Education.

A freshman student whose high school record and entrance tests indicate inadequate preparation may be advised to carry a reduced load during the adjustment to college level work.

WORK-LOAD VARIATIONS

A student wishing to carry a schedule other than the normal load may file a written request with the Registrar for:

- (1) Fewer than 10 academic hours, exclusive of basic Physical Education and basic Military Science.
- (2) An increase in the normal load when there is difficulty in making up a practical schedule or when a satisfactory program demands it.
- (3) In no case will the college authorize a load in excess of 21 quarter hours, exclusive of basic Physical Education and Military Science.
- (4) Except for the senior student whose schedule is required for anticipated graduation, no overloads will be authorized for students who do not have the 2.0 grade-point average.

A student who reduces his load to fewer than five hours after the quarter has begun, exclusive of Military Science and Physical Education will be withdrawn from the institution. This regulation does not apply to Special Students.

CLASS ATTENDANCE

If a student misses more than twenty percent of the scheduled class periods in a given course for any reason, he may be dropped from the course by the instructor.

The student will be responsible to his instructor for work missed because of absence from class for any reason.

ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES

To be eligible for intercollegiate activities, the student must be enrolled in a minimum of 12 credit hours at the time of participation and accumulate a total of 24 credit hours in the two terms of attendance immediately preceding the term of participation. The second term student, i.e. freshman, must have passed 12 credit hours in his first term of attendance.

Except where required as part of class work in a course in which he is registered for credit, a student on academic probation is not eligible to participate in any extracurricular activity in which he would represent North Georgia College.

The special eligibility requirements for editor or business manager of student publications is an academic average of C for the preceding quarter. This applies both for appointment and for continued tenure.

TRANSIENT STUDENT PERMISSION

Any student may apply to the Office of the Registrar in writing for authorization to complete certain courses in another college or university as a transient student. This application must be approved by the Registrar before enrollment in the course. If a major sequence has been chosen, the application must also be approved by the Head of the Department concerned. Transient student permission will not be granted to students on academic probation or for the purpose of repeating courses.

CREDIT BY EXAMINATION

"Credit By Examination is essentially the awarding of credit for theoretical knowledge gained outside of the traditional classroom situation." (Credit By Examination, Proceedings from Workshops in the West, 1971).

North Georgia College offers Credit By Examination upon approval of the academic department concerned and the Dean of the College when scores on nationally standardized examinations (CLEP, etc.) or other academic experience strongly indicates that the student has acquired the information or skills related to given courses of instruction offered by the college.

Credit awarded by examination can be given only for courses officially approved for academic credit by the college. This credit carries no academic grade and is not computed into the grade point average.

In no instance will the college award more than 45 hours of Credit By Examination.

Application forms for Credit By Examination are available in the Office of the Dean, North Georgia College, Dahlonega, Ga., 30533.

REQUIREMENTS FOR GRADUATION

For interpretation of the requirements for graduation, the student is urged to seek advice from his academic adviser or from the Office of the Registrar. It is the responsibility of the student to be familiar with these requirements for graduation.

CORE CURRICULUM

North Georgia College, as a unit of the University System, has implemented the University System Core Curriculum, and all North Georgia College students must fulfill the requirements of the Core Curriculum in order to satisfy requirements for the degree. The Core Curriculum is divided into four basic areas:

- I Humanities, including, but not limited to, grammar and composition and literature.....20 hours
English 101-102 or 105H are required of all students.
The remaining hours may be taken in the following courses:
English 203, 204, 205, 206, 207

Where only one of these is taken the remaining course(s) may be selected from:

Fine Arts 252 or any appropriate course in the Modern Languages.

- II. Mathematics and the natural sciences, including, but not limited to, mathematics and a 10-hour sequence of laboratory courses in the biological or physical sciences.....20 hours

The following courses may be considered to fulfill the requirements in Math:

Math 101, 102, 113H, 120.

The 10-hour science requirement must be taken in sequence and may be fulfilled by any of the following block of courses:

Biology 101-102-103 (any two); Chemistry 101-102; Chemistry 115-116; or Chemistry 121-122; Physics 101-102; Physics 115-116; Physics 223-224; or Physics 223-225.

In order to complete 20 quarter hours, the student may take any additional five-hour course in Biology, Chemistry, Geology, Physics or Math at the 100-200 level.

- III. Social Sciences, including, but not limited to, history and American Government20 hours

The following courses may fulfill requirements in this area:

100-200 level courses in history; Political Science 101; Anthropology 100; Psychology 101, 205; Sociology 100, 201; Economics 151, 152.

- IV. Courses appropriate to the major field of the individual student.....30 hours

BASIC PHYSICAL EDUCATION

All students are required to take six courses in basic physical education as a part of the requirements for graduation. See "Required Physical Education for Women and Men", Department of Physical Education.

ENGLISH PROFICIENCY REQUIREMENT

The University System of Georgia requires all students to take the Regents Testing Program in Reading and Composition after they have earned 45 academic hours. Satisfactory scores on this examination are a requirement for graduation from North Georgia College. Students failing the Regents Test may be required to take remedial study before re-taking the test.

STUDENT TESTING

The college affirms its prerogative to require all students to take any examination which may, from time to time, be required for institutional or University System evaluation and to assess each student for the cost of such examination.

LANGUAGE REQUIREMENTS

Language, where required for the degree, unless so stated elsewhere, should be started by the beginning of the second year. Any language exemptions earned through high school language credit may be allowed for additional electives.

Bachelor of Arts Degree: The modern language requirement is twenty quarter hours in one language.

Bachelor of Science Degree with a major in biology, chemistry, mathematics, or physics: The modern language requirement is fifteen quarter hours in one language.

Bachelor of Science Degree with a major in Psychology, Political Science, Social Science or Sociology: The modern language requirement is fifteen quarter hours in one language. However, with the permission of the major advisor, fifteen hours of approved courses in computer science or statistics may be substituted for the foreign language requirement.

Secondary Teacher Education Programs in English, French, History, Mathematics, and Physics: Foreign Language requirement is ten to twenty hours in one language depending upon the degree sought.

The Foreign Language Requirement is optional in Dual Degree Programs with Georgia Tech in Engineering and with the three-year pre-medical degree program.

Students offering two high school units in a foreign language will be admitted to the third course (211) of that language, thereby reducing the foreign language requirements for such students to ten quarter hours in college (211 and 212). If the student wishes to take the 101 and 102 sequence in his high school language he will receive no credit for these courses.

The student is advised to commence fulfillment of the language requirement as soon as possible. Failure to do so may lead to a delay in graduation, since the sequence of language courses is not offered from the beginning level every quarter, and a failing grade in any given course may, therefore, delay a student as much as one year in some cases.

MAJORS AND MINORS

By the time a student has accumulated ninety quarter hours credit, he should have decided upon a major field of study. At least fifty quarter hours credit must be successfully completed in this field. Courses required in the basic curriculum may not be used in the major field of study.

Within the major field and under the direction of the department head, the student selects a departmental major of at least thirty quarter hours and a closely-related departmental minor of at least twenty quarter hours.

The student must maintain a minimum average of 2.0 in his field of study.

In the major field, both required and elective courses must be approved by the student's adviser and by the Dean. The program then becomes a requirement for the degree. All approvals must be in writing and filed in the Office of the Registrar.

No major or minor may be changed without written recommendation from the major professor and approval by the Dean. Such changes will usually not be permitted later than the third quarter of the junior year. The change will probably result in loss of credit required for the degree and may necessitate an additional quarter or more to meet the outlined requirements of the proposed new program.

CANDIDACY FOR THE DEGREE

Membership in the Senior Class does not within itself imply candidacy for the degree. Before the degree can be conferred, all indebtedness to the college must be met and published requirements for the particular degree fulfilled. Responsibility for meeting these requirements rests upon the student, and each candidate should

check his program for graduation with the Registrar. Formal written application for the degree must be filed with the Registrar at least six weeks before the student expects to complete the outlined degree requirements. Special forms for this application may be secured from the Registrar.

a. For the Bachelor of Arts Degree, the Bachelor of Business Administration Degree, the Bachelor of Science Degree, and the Bachelor of Social Work Degree, the student must complete the requirements of the core curriculum, must fulfill the major and minor requirements, and offer sufficient approved elective courses to bring the total number of credit hours to at least 185, excluding basic Physical Education and basic Military Science, but to include for all cadets 18 hours in advanced Military Science or equivalent academic courses approved by the Dean.

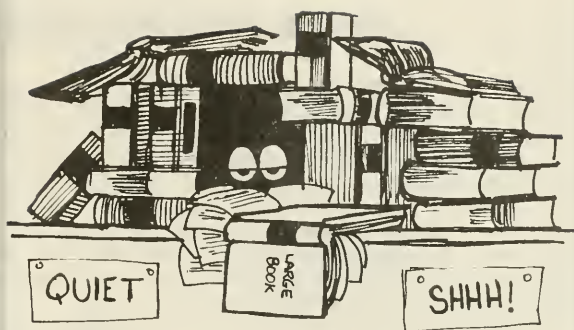
b. A Georgia law requires that all candidates for a degree from an institution supported by public funds shall pass an examination "of the History of the United States and the History of Georgia," and an examination "upon the provisions and principles of the United States Constitution and the Constitution of Georgia." The Social Science Department will administer these examinations upon written request from the student and at such time and place as convenient to the student and the Department. However, the requirements for instruction in the above areas can be met by satisfactorily completing Political Science 101 (for the state and national Constitutions) and History 100 (for the state and national history).

c. A student must complete the last forty-five quarter hours in residence prior to the awarding of the degree. In special instances, students may be allowed to take transient courses for elective credit during the last forty-five quarter hours with the approval of the Department Head and the Dean.

d. Graduation depends upon quality of work done as well as quantity. A student must have a minimum grade-point average of 2.0 on all work presented for graduation, including basic Physical Education and basic Military Science. A minimum average of C must be maintained during the last three quarters, regardless of the number of quality points previously earned. Not more than 25 percent of the credits for graduation may be of D grades.

e. No student may be declared a graduate of the college until all requirements for entrance and for graduation have been met, the degree conferred, and the diploma awarded. Each candidate must be present at graduation unless excused in writing by the Dean.





COURSES OF STUDY

EDUCATION \approx SECONDARY/EARLY CHILDHOOD
 JUNIOR HIGH/GENERAL SCIENCE
SPECIAL EDUCATION ★ ★ ★ ★ ★
ENGLISH ★ ★ ★ ★ ★ **FINE ARTS** \approx MUSIC
 ART EDUCATION CRAFTS DESIGN **MATH** ★ ★ ★ **MODERN**
LANGUAGE FRENCH ★ GERMAN ★ SPANISH **HEALTH—**
P.E. & RECREATION ★ **PHYSICS**
PSYCHOLOGY ★ ★ ★ ★ ★ PROGRAMS IN
 THE SOCIAL SCIENCES
POLIT SCIENCE ★ ★ ★ **CRIMINAL**
JUSTICE HISTORY SOCIOLOGY
 PROFESSIONAL PROGRAMS IN **MEDICINE DENTISTRY**
MEDICAL TECH NURSING LAW

COURSES OF STUDY

PRE-PROFESSIONAL PROGRAMS

PRE-LAW: A legal education requires a liberal-arts background of a broad scope. The well prepared beginning law student may have majored in any one of several subject matter areas. But regardless of his major, he will have to learn to communicate effectively by written and oral expression. Since the life of the law has been experience, a knowledge of the history of human development is essential. The law is executed through government, and a knowledge of political institutions and processes is invaluable. The law is shaped by many social forces, and courses in sociology, psychology, economics and related courses are recommended. In brief, a broad liberal arts program is preferable to a narrow concentration in a few subject matter areas.

Most law schools now require an undergraduate degree for admission. Therefore, during the first two years the pre-law student should concentrate on courses leading to a baccalaureate degree. The pre-law adviser will assist the student in selecting courses from the following:

English (20 hours)	Political Science (5 hours)
Science (10-15 hours)	Psychology (5 hours)
Math (5-10 hours)	Military (for military students)
History (10 hours)	Basic Physical Education
Modern Languages (see Language Requirements)	

The pre-law student is expected to declare a major after the first two years of study.

PRE-MEDICINE: The pre-medical student may earn a degree in any field of concentration offered at North Georgia College. Normally, the pre-medical curriculum requires a minimum of 75 quarter hours of physical science in order to satisfy requirements for admission to medical college. However, pre-medical students are urged to develop strong backgrounds in the humanities and social sciences.

A student may apply for admission to medical college at the end of three years, provided minimum requirements for admission have been satisfied. Preference is given, however, to those students who have completed a baccalaureate program. The pre-medical course of study is provided to allow those students admitted to an accredited medical college at the end of three years to use credits earned during the first year of medical college to complete requirements for a degree from North Georgia College. Students who are admitted to medical college after four years must meet all requirements for a degree at North Georgia College. The pre-medical program is designed to provide counseling and to aid students in preparing for a medical career. It is not an academic major.

Specific courses for the pre-medical student will be assigned by the pre-medical adviser during the freshman and sophomore years. Courses will be assigned by the student's major professor with the approval of the pre-medical adviser during the junior and senior years.

THREE YEAR PRE-MEDICAL PROGRAM

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES		HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE		HOURS CREDIT
English 101, 102; or 105H		5-10	Mathematics 101, 102		10
English 203, 204, 205, 206, 207		5-10	Sciences: (one ten-hour sequence)		10
Modern Language		0-10	Biology 101-102		
			Chemistry 121-122		
			Physics 223-224		
AREA III — SOCIAL SCIENCE			AREA IV — COURSES APPROPRIATE TO MAJOR FIELD		
Political Science 101		5	Chemistry 121, 122, 123		0-15
100 or 200 level History		5-15	Biology 101, 102, 220		0-15
Courses from Psychology 101, 205, Sociology 100, 205, or Anthropology 100		0-10	Physics 223, 224, 225		0-15

ELECTIVES — (to bring the total number of credit hours to at least 135 exclusive of basic Military Science and Physical Education)

NOTE — Prerequisites for entrance to the Medical College of Georgia require that the 135 hour total include the following:

Chemistry	30 quarter hours
Biology	25 quarter hours
Physics	15 quarter hours
English and Humanities	15 quarter hours

A student who wishes to receive a degree from North Georgia College under the three year pre-medical program must fulfill the requirements for the Core Curriculum outlined above. The program outlined above does not apply to students who graduate from the College after more than nine academic quarters of attendance.

PRE-MEDICAL TECHNOLOGY: North Georgia College offers a standard three year pre-medical technology program. The college is affiliated with several hospitals whose schools of medical technology are approved by the American Society of Clinical Pathologists. After the satisfactory completion of the required year of training in one of these schools, North Georgia College will grant the Bachelor of Science Degree.

GENERAL EDUCATION REQUIREMENTS:

Physical Education; Basic Military for military students; English 101-102 or 105H; English 203, 204, 205, 206, 207 (any two); History 101, 102, 103 (any two); Political Science 101; Physics 101 or 223; Psychology 101; Mathematics 101-102 or 113H.

LANGUAGE REQUIREMENT: German or French 101-102-211 or 211-212.

MAJOR COURSES: Biology 101-102, and five other courses approved by the Head of the Biology Department.

MAJOR FIELD: Chemistry 121, 122, 123, 230, 204 (Chemistry 101-102 may be substituted for 121-122 as determined by placement test).

OTHER REQUIREMENTS: Advanced Military Science (18 hours) for Military Students, and History 100*.

This requirement can be satisfied by successfully passing an examination on American and Georgia history administered by the Department of Social Science

SENIOR PRE-MEDICAL TECHNOLOGY: A student having completed the program outlined above, and who remains at North Georgia College for the fourth year, should complete a major in biology or chemistry and take other courses as advised by the faculty head of the department in which the student has selected a major. At least 45 quarter hours must be completed during the senior or fourth year.

PRE-VETERINARY MEDICINE:

GENERAL EDUCATION REQUIREMENTS:

English 101, 102 and 203, 204, 205, 206, 207 (any two) History 100; Political Science 101; Physics 223 and 224; Mathematics 101, 102.

MAJOR COURSES: Biology 101, 102, 220 and 321.

MAJOR FIELD: Chemistry 121, 122, 123

OTHER REQUIREMENTS: Advanced Military Science (18 hours) for Military Students, and History 100.

TWO-YEAR PRE-PROFESSIONAL ALLIED HEALTH PROGRAMS

North Georgia College offers two-year pre-professional work in the following Allied Health programs: Dental Hygiene, Medical Records, Nursing, Physical Therapy, and Radiology. The following courses may be transferred for further work in these disciplines.

DENTAL HYGIENE

GENERAL REQUIREMENTS:

Biology 101, 102; Chemistry 101, 102; English 101, 102 or 105H; English 203, 204, 205, 206, 207 (any two); History 100, 101, 102; Mathematics 101, 102 or 113H; Political Science 101; Psychology 101; Electives 15 hours.

MEDICAL RECORDS

GENERAL REQUIREMENTS:

Biology 101, 102, 220, Chemistry 101; English 101, 102 or 105H; English 203, 204, 205, 206, 207 (any two); Foreign Language 10 hours; History 100, 101, 102; Mathematics 101, 102, or 113H; Political Science 101; Psychology 220; Electives 10-25 hours.

NURSING

GENERAL REQUIREMENTS:

Biology 101, 102, 324, Chemistry 101, 102, 230; English 101, 102, or 105H; English 203, 204, 205, 206, 207 (any two); History 101, 102; Mathematics 101; Political Science 101; Psychology 101; Sociology 100; Electives 20 hours.
(See Associate of Science in Nursing)

PHYSICAL THERAPY

GENERAL REQUIREMENTS:

Biology 101, 102, 323, Chemistry 121, 122, 123; English 101, 102 or 105H; English

203, 204, 205, 206, 207 (any two); History 101, 102; Mathematics 101, Psychology 101; Physics 223; Electives 15 hours.

PRE-DENTAL (TWO YEARS)

The minimum requirements for admission to dental school are at least 90 quarter hours.

GENERAL REQUIREMENTS:

English 101-102 or 105H; English 203, 204, 205, 206, 207 (any two); Biology 101-102; Math. 101-102; Chemistry 121-122, 230; Physics 223 and 224 or 225; Electives to complete 90 hours.

PRE-PHARMACY (TWO YEARS)

GENERAL REQUIREMENTS:

Biology 101, 102; Chemistry 121, 122, 123, 331, 332, F.A. 211, 252; English 101, 102; Physics 223, 224; Math 120; History 101; Political Science 101.

OTHER REQUIREMENTS: Electives to complete 90 hours.

PRE-FORESTRY: Pre-forestry students should be advised by the Biology faculty from the first year.

DEPARTMENT OF BIOLOGY

MAJOR IN BIOLOGY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101, 102, 120, 245	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
		Biology 101-102; or 101-103;	
		Chemistry 101-102; or 121-122;	
		Physics 101-102; or	
		223-224; or 223-225	

AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Biology 101-102	10
100-200 level History courses	5-15	French, German or Spanish	10-15
Courses selected from the following:	0-10	Physics 101-102; or 223-224; or	
Anthropology 100		223-225	0-10
Psychology 101, 205			
Sociology 100, 201			
Economics 151, 152			

COURSES IN THE BIOLOGY MAJOR

Biology 220, 221, 222, 320; any two of the following: Biology 321, 326, 401; plus three courses at the 300/400 level chosen under the direction of the Head of the Department

COURSES IN THE MINOR	HOURS CREDIT
Biology majors should minor in Chemistry, Mathematics, Physics, or Psychology (requirements for the minor are listed in each departmental offerings).	30

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MODERN LANGUAGE REQUIREMENTS: German or French 101-102-211; or 211-212, preferred; Spanish acceptable	10-15
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U S AND GEORGIA CONSTITUTION REQUIREMENT

U S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN BIOLOGY — SECONDARY EDUCATION

(For Core Curriculum Requirements see above)

COURSES IN THE MAJOR	
Biology 220, 221, 222, 320, 321, 326	30
Chemistry 121, 122 ^A , or 101-102	10
Other Requirements: P.E. 309, 390 and Education 360	11

^AAs determined by Department of Chemistry and Department of Physics

PROFESSIONAL EDUCATION SEQUENCE Education 204, 305, 311C, 421C, 431C	35
ELECTIVES (to bring total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MINOR IN BIOLOGY

Biology 101, 102, 220, 221, 320 and one other course as approved by the Head of the Department.	30
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COURSES IN BIOLOGY

101.	GENERAL BIOLOGY. <i>Fall, Winter, Spring and Summer Quarters.</i> An introductory course presenting the fundamental principles of plant life with special emphasis placed on cellular organization and control and the evolutionary and ecological relationships of the major plant phyla. Laboratory work includes the microscopic study of cell structure and cell division, demonstration of molecular motion in biological systems, and a brief survey of the major plant groups. Four lectures and one, two-hour laboratory per week.	5 hours
102.	GENERAL BIOLOGY. <i>Fall, Winter and Spring Quarters.</i> Prerequisite: Biology 101. A survey of the structural, functional, evolutionary and ecological relationships in the major animal phyla with emphasis on the study of the body systems, inheritance, and development of man. Laboratory work includes a survey of the vertebrates, dissection of a vertebrate, and experiments in human physiology. Four lectures and one, two-hour laboratory per week.	5 hours
103.	ENVIRONMENTAL SCIENCE. <i>Spring and Summer Quarters.</i> Prerequisite: None. A survey course in the fundamentals of Ecology. The proposed course will include a study of the emergence of man and his changing relationship to and impact upon his environment from the African Savannas to the urban environment.	5 hours
220.	INVERTEBRATE ZOOLOGY. <i>Fall and Spring Quarters.</i> Prerequisites: Biology 101 and 102 or by permission of Head of Department. This course precedes other upper-level courses in the department. The structure and activities of lower animals will be stressed. The student will acquire dissection techniques and a knowledge of the phylogenetic relationships of the invertebrate animals. Three lectures and two, two-hour laboratory periods per week.	5 hours

- 221, 222. **BOTANY.** 5, 5 hours
Fall and Winter Quarters.
 Prerequisite: Biology 101 or by permission of Head of Department. A survey of the plant kingdom with emphasis upon the economic plants. Botany 221 deals primarily with the structure and physiology of seed-bearing plants. Botany 222, a continuation of Botany 221, places emphasis on development, reproduction, and relationships. Four hours of lecture and one, two-hour laboratory period each week.
- 250, 251. **HUMAN ANATOMY AND PHYSIOLOGY.** 5, 5 hours
Fall and Winter.
 A systematic study of the structure and function of the human body. Laboratory study includes anatomical study of the human skeleton, detailed dissection of a mammal, and experiments on the physiology of the muscular, circulatory, respiratory, digestive, and nervous systems. Three lectures and two, two-hour laboratories per week.
280. **MEDICAL MICROBIOLOGY: INFECTION AND IMMUNITY.** 5 hours
 Prerequisites: Biology 101 and 102 or 250 and 251. A course designed for students preparing for medical and public health related fields. The course will include a basic background in microbiology with emphasis on practical techniques and methods used in this field and on the epidemiology, pathology, diagnosis, immunology and therapy of microbial diseases of public health significance. The laboratory will involve the use of living microbes to develop skills in isolation, identification, cultivation and differential testing. Three lectures and two, two-hour laboratory periods per week.
301. **LOCAL FLORA (Botany).** 5 hours
Spring Quarter.
 Prerequisites: Biology 221 and 222. A study in identification and recognition of local plants. Three hours of lecture and two, two-hour laboratory periods per week.
- 310 a, b, c. **LABORATORY PRACTICES.** (each) 2 hours
 A course in Laboratory Practices. The student serves as a regular departmental laboratory assistant. For each two hours served in the laboratory he receives one quarter-hour credit. One quarter-hour credit will also be earned for one hour of lecture-discussion on laboratory practices and procedures. Ordinarily, the student will earn two quarter-hours per quarter for three quarters.
315. **INTRODUCTION TO THE TEACHING OF BIOLOGY.** 5 hours
Fall Quarter.
 Prerequisites: Biology 101 and 102. A survey of techniques, procedures, demonstrations, projects, and experiments for illustrating central concepts of biology. The student also serves as a departmental teaching assistant. This course is recommended for Biology majors but is available to those students who wish to gain teaching experience in the biological sciences. The course meets for four lectures and one two-hour laboratory per week which will involve preparation for or teaching of a laboratory class.
320. **GENETICS.** 5 hours
Winter, Spring, and Summer Quarters.
 Prerequisite: Biology 102, or by permission of the Head of the Department. A study of the principles of heredity in plants and animals, with applications to human heredity. Four lectures and one, two-hour laboratory period per week.

- 321. COMPARATIVE ANATOMY OF THE VERTEBRATES. 5 hours**
Winter Quarter.
 Prerequisite: Zoology 220. A course especially for pre-medical students and biology majors, who need preparation for more intensive study of human anatomy. Representative vertebrates will be dissected and studied in the laboratory. Three lectures and two, two-hour laboratory periods per week.
- 323. PARASITOLOGY. 5 hours**
 Prerequisites: Biology 220 or by permission of Head of Department. A course for biology majors and those in the pre-professional medical programs. The course will include a detailed study of the nature of parasitism, the classification, morphology and life histories of animal parasites and the epidemiology, pathology and treatment of parasitic diseases of man, domestic animals and other selected hosts. Three hours of lecture and two, two-hour laboratory periods per week.
- 324. INTRODUCTORY MICROBIOLOGY. 5 hours**
Winter Quarter.
 Prerequisites: Two courses in Chemistry; and Biology 221. An introduction to the principles of microbiology. The course is designed for students in the pre-professional medical programs and biology majors. The laboratory phase consists of experiments selected to develop proficiency in the microbiological techniques. Three lectures and two, two-hour laboratory periods per week.
- 326. ECOLOGY. 5 hours**
Spring Quarter.
 A study of plants and animals in their relations to each other and to the physical and chemical factors of the environment. Three lectures and two, two-hour laboratory periods per week.
- 350. PHYSIOLOGY. 5 hours**
Fall Quarter.
 Prerequisites: Biology 220 or 250. An advanced course which explores in detail the function of cells, tissues and organs. Students will examine and evaluate current literature in professional journals and conduct independent experiments which will be reported using an acceptable scientific format. Laboratory will include introduction to techniques in physiological research. The course meets for four lectures and one two-hour laboratory per week.
- 470. ANIMAL HISTOLOGY. 5 hours**
 A study of selected tissues in the organ systems of Vertebrates. Laboratory work involves the microscopic study of Mammalian tissues. In addition, each student will use a number of microanatomic technics to prepare a series of animal tissue slides. Three lectures and two, two-hour laboratory periods per week.
- 480. GENERAL EMBRYOLOGY. 5 hours**
Spring Quarter.
 Prerequisite: Biology 321. A study of the germ cells and early development stages of vertebrates. Emphasis is placed on organology of the chick, pig, and man. Three lectures and two, two-hour laboratory periods per week.
- 490. INTRODUCTION TO EXPERIMENTAL BIOLOGY. 5 hours**
Spring Quarter.
 Prerequisites: Three or more 300 or 400 level Biology courses. A survey of selected biological topics and problems to include techniques of literature

search research and report writing for individual and small group investigation. The student also completes a research problem of his choice. The course meets for three lectures and four hours of directed independent study per week.

495 a, b, c, d, e. INDEPENDENT STUDIES.

(each) 1 hour

Offered on a voluntary basis to qualified biology majors during the junior and senior years by permission of the Head of the Department. The student will pursue advanced study under the supervision of a staff member.

DEPARTMENT OF BUSINESS ADMINISTRATION

The general purpose of the Department of Business Administration is to provide a program of both liberal and specialized education that will prepare our students for beginning useful careers as business leaders or high school teachers.

The specific purposes of the Department of Business Administration are: 1. To provide the knowledge and analytical techniques that are essential to successful employment after graduation; 2. To develop within the student the ability to work with and to lead others; 3. To prepare students for the successful pursuit of graduate study in business administration, accounting, economics, office management, marketing, management, or business education.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Students enrolling in the Department of Business Administration have the option of pursuing a program of studies leading to the Bachelor of Business Administration Degree with a major in accounting, economics, marketing, management, or secretarial and office administration; or leading to the Bachelor of Science Degree with a major in Business Education; or to an Associate in Secretarial Science Degree; or a One-Year Proficiency Certificate in Secretarial Science.

BUSINESS EDUCATION PROGRAMS

The objective of these programs is to prepare teachers of business subjects for high schools. The program for comprehensive certification is designed to prepare well-qualified teachers of all high school business subjects including shorthand. The program for bookkeeping and business management certification is designed to prepare well-qualified teachers of all high school business subjects with the exception of shorthand. Each program provides an appropriate balance of general education, business administration content, secretarial or clerical skills, and professional education courses. Both programs meet the certification requirements of the State Department of Education, and the graduate will be eligible for the T-4 Certificate.

ASSOCIATE OF SCIENCE DEGREE IN SECRETARIAL SCIENCE

COURSES	HOURS
English 101, 102	10
Mathematics 101	5
Psychology 101	5
Political Science 101	5
Business Administration 112 ² , 114, 115, 118, 120 ² , 121, 122, 151, 152, 206, 207, 210, 216, 224	55-62
Course to satisfy Georgia History Requirement or an elective	5
Electives to bring total number of credit hours to 95 exclusive of basic physical education	

Other requirements: One course in physical education each quarter to include Personal Fitness (PE 103) and Swimming (PE 104)

Not open to students having more than one year of high school credit in typewriting

Students presenting high school credit in shorthand may substitute an approved course for such high school credit

ONE-YEAR SECRETARIAL SCIENCE PROGRAM

COURSES	HOURS
English 101 or SS 50*	5-0
Math 101 or SS 52*	5-0
Business Administration 112*, 114, 115, 118, 120*, 121, 122, 206, 210, 216	42
Electives to bring total credit hours to 50 (40 for those students in special studies) exclusive of basic physical education	

Special Studies 50 and Special Studies 52 are acceptable for the One-Year Proficiency Certificate in Secretarial Science. Students desiring to apply credits toward a college degree must complete English 101 and Math 101.

*Students presenting high school credit in shorthand and/or typewriting may substitute other approved courses for such secretarial courses as are replaced.

ACCOUNTING, ECONOMICS, MANAGEMENT, MARKETING OR SECRETARIAL AND OFFICE ADMINISTRATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102, or 105H	5-10	Mathematics 101-102, 113H	5-10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 or any appropriate course in the Modern Languages	0-5	Biology 101-102-103 (any two)	
		Chemistry 101-102; 115-116; 121-122	
		Physics 101-102; or 115-116; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics.	0-5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Business Administration 151, 152, 206, 207, 210 and 216	30
100-200 level History courses	5-15		
Courses selected from the following:	0-10		
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201			

ACCOUNTING MAJOR

(For Core Curriculum Requirements see above)

Business Administration 340, 350, 360, 362, 380, 385, 390, 395, 420, 425, 426 or 427, 460 or 375, and 465 65

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

ECONOMICS MAJOR

(For Core Curriculum Requirements see above)

Business Administration 340, 350, 360, 362, 370, 375, 420,
440, 445, 450, 460, 465 and 490

65

ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MANAGEMENT MAJOR

(For Core Curriculum Requirements see above)

Business Administration 340, 350, 360, 362, 420, 422, 426 or 427,
435, 460 or 375, 465, 480, 490 and 495

65

ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MARKETING MAJOR

(For Core Curriculum Requirements see above)

Business Administration 340, 350, 355, 360, 362, 420, 430, 440, 460 or 375,
465, 480, 490 and 495

65

ELECTIVES (to bring the total number of credit hours to at least 185 exclu-
sive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SECRETARIAL AND OFFICE MANAGEMENT MAJOR

(For Core Curriculum Requirements see above)

Business Administration 312*, 314, 315,
320*, 321, 322, 350, 362, 418, 420
or 423, 424, 460 or 375,
465, 480, 490, and 495

72

ELECTIVES (to bring the total number of credit hours to at least 185 exclu-
sive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

Not open to students having more than one year of high school credit in typewriting

Students presenting high school credit in shorthand may substitute other approved courses

BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

SECRETARIAL AND OFFICE MANAGEMENT WITH LANGUAGE SKILLS

(For Core Curriculum Requirements see above)	
Business Administration 312*, 314, 315, 320**, 321, 322, 350, 362, 418, 420 or 423, 424, 460 or 375, 480, 490, and 495	60-67
Foreign Language (French, German, or Spanish) 102, 211, 212, 301, 302, 315	30
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MINOR IN SECRETARY SKILLS

Business Administration 151, 206, 314, 315, 321, 322, and 5 hours of Business Administration subject to the approval of the major and minor advisors.

MAJOR IN BUSINESS EDUCATION FOR BOOKKEEPING AND BUSINESS MANAGEMENT CERTIFICATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101-102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 or any appropriate course in Modern Language	0-5	Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 110-111; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics, or Physics	0-5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Psychology 101, Anthropology 100, or Sociology 100	5
100-200 level courses in History	10	Education 204	5
Business Administration 151	5	Speech 211, Art, Music, or Drama	5
		Business Administration 206, 207, 216	15

TEACHING MAJOR

Business Administration 210, 312*, 314, 315, 340, 360, 362, 380, 418, 420, or 423	40-42
PROFESSIONAL EDUCATION COURSES Education 305, 311C, 421C, 431C	30
OTHER REQUIREMENTS Physical Education 390 or 400 and 401 or 420	8-10
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN BUSINESS EDUCATION
FOR COMPREHENSIVE CERTIFICATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101-102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 (or any appropriate course in Modern Language)	0-5	Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 110-111; or 223-224; or 223-225	
		A 100-200 level five hour course in Biology, Chemistry, Mathematics or Physics	0-5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Psychology 101, Anthropology 100, or Sociology 100	5
100-200 level courses in History	10	Education 204	5
Business Administration 151	5	Speech 211, Art, Music, or Drama	5
		Business Administration 206, 207, 216	15

TEACHING MAJOR

Business Administration 210, 312*, 314, 315, 321, 322, 362, 418, 420 or 423, 424	40-42
PROFESSIONAL EDUCATION SEQUENCE Education 305, 311C, 421C, and 431C	30
OTHER REQUIREMENTS Physical Education 390 or 400 and 401 or 420	8-10

Not open to students having more than one year of high school credit in typewriting

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U. S. AND GEORGIA CONSTITUTION REQUIREMENT	
U. S. AND GEORGIA HISTORY REQUIREMENT	

MINOR IN ACCOUNTING

Business Administration 206, 207, 380, 385, and 10 hours of Business Administration courses subject to the approval of the major and minor advisor	30
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MINOR IN ECONOMICS

Business Administration 151, 152, 370, 375, and 10 hours of Business Administration courses subject to the approval of the major and minor advisor.	30
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DUAL DEGREE PROGRAM — INDUSTRIAL MANAGEMENT

The Dual Degree Program offered by North Georgia College in cooperation with Georgia Tech offers a student the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech for an additional two years.

After completing the academic requirements of both institutions, the student shall be awarded a bachelor's degree from North Georgia College and a Masters of Science — Industrial Management from Georgia Institute of Technology.

DUAL DEGREE REQUIREMENTS:

1. Complete 144 quarter hours at North Georgia College as outlined below (exclusive of basic military and P.E.)
2. A recommendation from the Academic Dean of North Georgia College.
3. A college grade-point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
4. Complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours from North Georgia College, he may petition that these excess hours be used as transfer credit to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

SPECIAL PROVISION FOR GRADUATE STUDY UNDER THE DUAL DEGREE AGREEMENT

1. The two colleges may extend permission for highly qualified, specially selected undergraduates to enter Georgia Tech at the end of three or more years of undergraduate study at North Georgia College with the

- intent that the degree being sought at Georgia Tech shall be at the Master's level.
- The specially selected individual shall complete enough undergraduate course work to meet the graduation requirements of North Georgia College.
 - The specially selected individual shall complete a minimum of 50 hours of graduate work at Georgia Tech.
 - Application for admission to the Graduate Division at Georgia Tech will be made during the first year in residence there with admission requirements being based on the usual recognized standards.

CORE REQUIREMENTS — DUAL DEGREE PROGRAM

Area I — Humanities

- Humanities, including, but not limited to, grammar and composition and literature.....20 hours
English 101-102, or 105H are required of all students. The remaining hours may be taken in the following courses: English 203, 204, 205, 206, 207

Where only one of these is taken the remaining course(s) may be selected from:

Fine Arts 252 or any appropriate course in the Modern Languages.

Area II — Mathematics and the Natural Sciences

- Mathematics and the natural sciences, including, but not limited to, mathematics and a 10-hour sequence of laboratory courses in the biological or physical sciences.....20 hours

The following courses may be considered to fulfill the requirements in Math:

Math 101, 102, 113H

The 10-hour science requirement must be taken in sequence and may be fulfilled by any of the following block of courses: Biology 101-102; Chemistry 101-102 or Chemistry 121-122; Physics 101-102; Physics 223-224; or Physics 223-225.

In order to complete 20 quarter hours, the student may take any additional five-hour course in Biology, Chemistry, Physics or Math at the 100-200 level.

Area III — Social Science

- Social Sciences, including, but not limited to, history and American Government20 hours

The following courses may fulfill requirements in this area: 100-200 level courses in history; Political Science 101; Anthropology 100; Psychology 101, 205; Sociology 100, 205.

Area IV — General

- BA 151, 152, 206, 20720 hours
Math 120 or 122 and Math 24510 hours
.....30 hours

NOTE:

The 144 hours at North Georgia College must include Math 246, 250, BA 340, 360, 370, 375, and 420. Additional courses may be selected from the following to complete the 144 hours exclusive of Basic Physical Education and Basic Military Science:

Math 247, BA 350, 355, 362, 426, 427, 460, 465, 480, 490, 495

Military Science 300, 301, 302

COURSES IN BUSINESS ADMINISTRATION

- 151. PRINCIPLES OF ECONOMICS. 5 hours**
Fall, Winter, and Spring Quarters.
This course provides an introduction to economic analysis by presenting an overall picture of the operation of our economy. Specific topics covered include economic institutions of American capitalism, employment theory, fiscal policy, money and banking, monetary policy, and economic growth.
- 152. PRINCIPLES OF ECONOMICS. 5 hours**
Fall, Winter, and Spring Quarters.
Prerequisite: Business Admin. 151. A study of economics which concentrates on the determination of prices in competitive and monopolistic markets, distribution of income along functional lines, international trade, and comparative economic systems.
- 206. PRINCIPLES OF ACCOUNTING. 5 hours**
Fall, Winter, and Spring Quarters.
An introductory course in standard accounting practice. Recognized procedures and conventions are used in recording, analyzing and interpreting financial records. Emphasis is placed on the proprietorship form of business organization.
- 207. PRINCIPLES OF ACCOUNTING. 5 hours**
Fall, Winter, and Spring Quarters.
Prerequisite: Business Admin. 206. A continuation of Business Administration 206 with emphasis on the partnership and corporate forms of business organizations. In addition, manufacturing operations and further analytical processes are studied.
- 210. ELECTRONIC DATA PROCESSING AND INFORMATION SYSTEMS. 5 hours**
A study of the basic principles of electronic data processing from the point-of-view of their application to the assembling, storing, and processing of business and economic data appropriate to decision making. Problems in management science necessitating the use of the computer will be programmed and processed.
- 216. BUSINESS COMMUNICATIONS. 5 hours**
Fall and Winter Quarters.
Prerequisites: English 101 and 102. Practice in the use of correct and

forceful English in writing business letters and reports. Study and analysis of sales, credit, adjustment, application letters and business reports.

- 305. RISK AND INSURANCE. 5 hours**
On Demand.
Prerequisite: Business Administration 151. Studies the nature of risk and the role of insurance in risk management from individual and business viewpoints by considering insurance carriers, contracts, underwriting, and regulation.
- 112-312. BEGINNING TYPEWRITING. 2 hours**
Fall Quarter.
An introductory course in typewriting. Major emphasis is given to the techniques of machine operation, speed, accuracy, and continuity and control of movement in the development of usable typewriting skills. Business-letter forms and problem typewriting are introduced.
- 114-314. INTERMEDIATE TYPEWRITING. 2 hours**
Winter Quarter.
Prerequisite: Business Admin. 312. A continuation of Business Administration 312. Further study of the theory and techniques of typewriting, including a thorough study of business-letter forms, tabulated material, and manuscripts. Successful completion of this course requires a speed of 45 words a minute.
- 115-315. ADVANCED TYPEWRITING. 3 hours**
Spring Quarter.
Prerequisite: Business Admin. 314. A continuation of 314. Major emphasis is on the development of speed and accuracy sufficient for vocational use. Successful completion of this course requires a speed of 60 words a minute.
- 120-320. BEGINNING SHORTHAND. 5 hours**
Fall Quarter.
The theory of Gregg Shorthand with sufficient practice to develop skill in taking dictation at a speed of 60 words a minute. Personal use as well as vocational values are emphasized. Credit not given until Business Administration 321 is completed.
- 121-321. INTERMEDIATE SHORTHAND. 5 hours**
Winter Quarter.
Prerequisite: Business Admin. 320 or equiv. A continuation of Business Administration 320. Sufficient practice is provided to develop skill in taking dictation at a speed of 80 words a minute.
- 122-322. ADVANCED SHORTHAND. 5 hours**
Spring Quarter.
Prerequisite: Business Admin. 321 or equiv. A continuation of Business Administration 321. Rapid dictation and transcription are the major objectives. A dictation speed of 100 words a minute is required.
- 330. CONSUMER ECONOMICS. 5 hours**
This course is designed for teachers and those students who desire a detailed study of consumer problems. The more important elements of consumer education are reviewed, including consumer goods, consumers' services, buying problems, consumer organization, problems of personal finance, and well-balanced spending programs.

- 340. MATHEMATICS OF BUSINESS AND ECONOMICS. 5 hours**
Fall and Winter Quarters.
 Prerequisites: Business Admin. 151, Math 101 and 102. A study of mathematical subjects which have relevance for students whose major is in one of the management-economic areas. Topics included are linear and non-linear equations, linear programming, decisions under uncertainty inventory decision models, queuing and monte carlo simulations.
- 350. PRINCIPLES OF MARKETING. 5 hours**
 Prerequisites: Business Admin. 151 and 152. A functional study of market organization designed to introduce the student to the major institutions and basic theories in the field of marketing. Levels of marketing, organizations operations at each level and their functions, price policy, marketing cost, and relative efficiency of various marketing methods are principal topics.
- 355. PRINCIPLES OF ADVERTISING. 5 hours**
 A study of the planning, organizing, and controlling involved in the management of the advertising function of business. Major consideration is given to budgeting for advertising, advertising research, media selection, preparation of advertisements, services of advertising agencies, and the economic and social effects of advertising
- 357. REAL ESTATE. 5 hours**
On Demand.
 A study of the concepts, principles, practices, and laws relating to acquiring, holding, utilizing, and disposing of real property.
- 360. PRINCIPLES OF STATISTICS. 5 hours**
Winter and Spring Quarters.
 A course in statistical materials and methods with special reference to the economic applications of these methods. Topics covered will include collection, tabulation, and presentation of data.
- 362. BUSINESS LAW. 5 hours**
 A study of contracts; sales; bailments; negotiable instruments; the law of employment, partnership, and corporations; and risk-bearing devices. Reference is made to modern legislation affecting business and employers.
- 370. INTERMEDIATE ECONOMIC ANALYSIS. 5 hours**
Fall Quarter.
 Prerequisites: Business Admin. 151 and 152. An intensive study of price theory and its uses. Specific topics covered include the theory of demand, the theory of the firm, pricing in competitive and monopolistic markets, and the pricing of economic resources.
- 375. MACROECONOMIC ANALYSIS. 5 hours**
Winter Quarter.
 Prerequisites: Business Admin. 151 and 152. An intensive study of the measurement, analysis, and control of aggregate economic activity. The economic principles underlying national income, business cycles, and growth are examined; and particular attention is given to problems involved in formulating economic policies.
- 380. INTERMEDIATE ACCOUNTING. 5 hours**
Fall Quarter
 Prerequisites: Business Admin. 206 and 207. An advanced study of the accounting theory, principles, and procedures of corporate, partnership, and

proprietorship forms of business. This includes the fundamental accounting processes, financial statements, working capital items, valuation procedures, current liabilities, investment, and plant and equipment acquisition and use.

385. INTERMEDIATE ACCOUNTING. 5 hours

Winter Quarter.

Prerequisite: Business Admin. 380. A continuation of Business Administration 380. Major emphasis is devoted to accounting for intangibles, long-term debt, corporate capital, paid-in capital, retained earnings, analytical processes, and statements of applications of funds.

390. ADVANCED ACCOUNTING. 5 hours

Spring Quarter.

Prerequisite: Business Admin. 385. A more advanced study of accounting procedures with attention given to the more difficult and specialized phases that arise in consignment, installment sales, larger organizations, consolidations, estates and trusts, and actuarial science.

395. AUDITING. 5 hours

Prerequisites: Business Admin. 206 and 207. A course in the theory and practice of professional and general auditing. Auditing standards, internal control, government regulation, and formal report writing are other major topics emphasized.

399. READINGS IN BUSINESS ADMINISTRATION. 2 hours

Independent reading from selected literature in the fields of Management, Marketing, Economics, Accounting and Business Education. The course may be an independent study under the supervision of a member of the Business faculty or may be a formal class. Written and oral reports will be expected of each student in connection with each of the assigned readings. This course may be taken a total of six times.

118-418. OFFICE MACHINES. 5 hours

Prerequisites: Business Admin. 314 or equiv. An introductory course covering various types of office machines and their use. Students receive instruction and do individual work on adding, calculating, transcribing, posting, direct process and indirect process duplicating machines, and other machines in common use in modern business offices.

418. (a), (b), and (c). OFFICE MACHINES. 1, 1, 1 hour

BA 418a (1 hour) An introductory course covering the ten-key adding machine and the electronic display calculator. Students receive instruction and do individual problem work.

BA 418b (1 hour) An introductory course covering the full keyboard adding machine and the electronic printing calculator. Students receive instruction and do individual problem work.

BA 418c (1 hour) An introductory course covering the rotary calculator and the printing calculator. Students receive instruction and do individual problem work.

This course is proposed to better secure the needs of the departmental major. Students in the Secretarial or Business Education programs would continue to take 418 as a regularly scheduled 5 hour course. Other students could register for any one or all three courses depending upon their needs and schedules.

- 420. PRINCIPLES OF MANAGEMENT. 5 hours**
Spring Quarter.
 This course is designed to familiarize students with the functions of the management process. Major emphasis is devoted to planning, organizing, and controlling and their subfunctions. Attention is given to the new techniques and tools of planning including electronic computers.
- 422. BUSINESS POLICY DECISION MAKING. 5 hours**
 Prerequisite: Business Administration 420. The application of managerial, financial, marketing, and accounting principles to the specific problems involved in the formulation of consistent business policies and the maintenance of efficient organization. Some use of cases and management simulation exercises are included.
- 224-424. ADVANCED SECRETARIAL PRACTICE. 5 hours**
 Prerequisites: Business Admin. 315 and 322. This course combines shorthand and typewriting in the transcription of shorthand notes and the development of office proficiency. Activities of the modern office will be observed with emphasis on the principles, procedures, and systems of filing.
- 425. INCOME TAX ACCOUNTING. 5 hours**
 Prerequisites: Business Admin. 206 and 207. A study of federal income tax laws. The various types of returns are studied and emphasis is placed on the determination of income and legal deductions in order to determine taxable net income.
- 426. COST ACCOUNTING. 5 hours**
 Prerequisites: Business Admin. 206 and 207. A study of the theory and practice of accounting for manufacturing and selling costs. Detailed consideration is given to elements of cost — direct labor, direct materials, and factory overhead. Process, job order, and standard cost systems are also emphasized.
- 427. MANAGERIAL ACCOUNTING. 5 hours**
On Demand.
 Prerequisites: Business Admin. 206 and 207. A study of the use of accounting as a tool in the decision making process. Major topics covered include budgeting, gross profit, and break-even and cost profit-volume analysis, capital expenditures, and internal profit measurement.
- 430. MARKETING MANAGEMENT. 5 hours**
 Prerequisites: Bus. Admin. 350 and 420. A study of various policies and problems requiring decisions by marketing management in the areas of product policy, distribution policies and physical distribution, pricing, advertising, sales promotion, and management of personal selling.
- 435. PRODUCTION MANAGEMENT. 5 hours**
 Prerequisite: Business Admin. 420. The objective of this course is to familiarize the student with the nature and scope of production management in modern industry. The topics emphasized are production planning and scheduling, plant layout, materials handling, inventory control, quality control, and related topics from the point-of-view of both the human and material elements of the production system.
- 440. INTERNATIONAL TRADE. 5 hours**
 Prerequisite: Business Admin. 151 and 152. A study of economic principles applicable to trade between nations covering such topics as the balance of

payments, foreign exchange rate determination, price and income effects on the composition and level of trade, and economic development relating to trade policy.

- 445. DEVELOPMENT OF ECONOMIC THOUGHT. 5 hours**
Prerequisites: Business Admin. 151 and 152. A study of the development of economic ideas with major emphasis on writers. The purpose of the course is to establish a synthesis of evolving doctrines which have the basis of currently accepted economic theory.
- 450. PUBLIC FINANCE. 5 hours**
Prerequisites: Business Admin. 151 and 152. A study of the principles and techniques of government debt; specific tax and non-tax revenues; and expenditures at the national, state and local levels.
- 451. MANAGEMENT IN THE NON-PROFIT ORGANIZATION. 5 hours**
An examination of management principles applied to the non-profit organization. Topics covered would include but not be limited to planning, organizing, staffing, and controlling.
- 460. MONEY AND BANKING. 5 hours**
Prerequisites: Business Admin. 151 and 152. A study of the basic principles and concepts of money and credit and their importance in the present economy. The major topics emphasized are the key role of the commercial banking system in our economy, central banking as a means of expanding and stabilizing the supply of money and credit, monetary theory, monetary and fiscal policies, international banking and finance, and other banking and credit institutions.
- 465. BUSINESS FINANCE. 5 hours**
Prerequisites: Business Admin. 206 and 207. A study of financial organization and management from the standpoint of the chief financial officer of an operating business. Major topics emphasized are choosing a form of organization, planning and managing assets, planning the financial structure, managing short- and intermediate-term funds, managing long-term funds, and valuing business enterprises.
- 470. INVESTMENT MANAGEMENT. 5 hours**
On Demand.
The purpose of the course is to provide training in the formulation of investment programs and the determination of policy adapted to the student's individual needs. Topics studied include sources of information for the investor, types of securities, security markets and their operation, movement of security prices, types of industries and their characteristics, analysis of financial statements, and investment principles and safe-guards.
- 480. RETAILING MANAGEMENT. 5 hours**
A study of the organization, planning, policies, procedures, problems, and controlling of the various types of retailing institutions. The major topics emphasized include the selection of retailing locations; organization of retailing establishments; merchandising policies and procedures; retailing services; and the selection, training, compensation and supervision of retailing personnel.
- 485. GEORGIA INTERN PROGRAM IN BUSINESS ADMINISTRATION. 5-15 hours**

- 490. LABOR ECONOMICS. 5 hours**
 Prerequisites: Business Admin. 151 and 152. A study of the origin of the labor movement; population and the labor force; organized labor; union organization and management; collective bargaining; and the problems of unemployment, full employment, wage theory and policies, and labor legislation.
- 495. PERSONNEL MANAGEMENT. 5 hours**
 A study of the principles and procedures of the recruitment, selection, and placement of a labor force. Treatment of grievances, problems of collective bargaining, compensation policies, merit rating, promotion, transfer and discharge, training and personnel records are emphasized.
- 496, 497, 498. CURRENT TOPICS IN BUSINESS ADMINISTRATION. 1, 1, 1 hours**
 A course designed to cover current topics in businesses. The student must have at least senior standing. The course may be taken a maximum of three quarters.

DEPARTMENT OF CHEMISTRY

The Department offers courses leading to either a professional major or non-professional major.

THE PROFESSIONAL CURRICULUM IN CHEMISTRY

If a student pursues a professional curriculum major, it is presumed that the student wishes to become a professional chemist. The student is also prepared to enter graduate school in order to secure an M.S. or Ph.D. degree in preparation for a career in chemical research. Since the requirements for a Bachelor of Science Degree in Chemistry are rather demanding, a student should maintain a general average of C + and a B average in science. If he should not do so, he will be asked to shift to the non-professional degree. The non-professional degree will not prepare the student to enter graduate school in Chemistry.

THE NON-PROFESSIONAL CURRICULUM IN CHEMISTRY

This curriculum is designed for those students who wish to study chemistry but who do not want to do chemical research. Such students might feel that chemistry would contribute toward a related profession; such as medicine, engineering, military, laboratory technician, high school teaching or chemical sales. Although high scholarship is to be sought, the non-professional curriculum is less demanding in breadth of courses in chemistry and mathematics than is the professional curriculum.

MAJOR IN CHEMISTRY — PROFESSIONAL

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H and 5 hours of Modern Language	10	Mathematics 101, or 113H; or 120	5
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 101-102 Chemistry 121-122 Physics 223-224; or 223-225 Any science course listed above not taken in the ten-hour sequence or Math 102 or 245	10 5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
100-200 level History courses	5-15	Physics 223-224-225	0-10
Courses selected from the following: Anthropology 100 Psychology 101, 205 Sociology 100, 201 Economics 151, 152	0-10	Biology 101, 102, 220 Mathematics 120-245 or 122-245	0-15 0-10

CHEMISTRY MAJOR	
Chemistry 123, 204, 331, 332, 333, 341, 342, 343 and two additional courses at the 400 level approved by the department head	50
OTHER REQUIREMENTS: Physics 223, 224 and 225	15
OTHER REQUIREMENTS: Math 245, 246 and 247	15
COURSES IN THE MINOR	
Biology, Physics, or Mathematics (requirements for minor are listed in each departmental offering)	30-20-25
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS: German 101, 102 and 211 or 211, and 212	
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN CHEMISTRY — NON-PROFESSIONAL

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H and 5 hours of Modern Language	10	Mathematics 101, or 113H; or 120	5
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
		Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 223-224 or 223-225	
		Any science course listed above not taken in the ten-hour sequence or Math 102 or 245	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History 100; or 103	5	Physics 223-224-225	0-10
Courses from the following:		Biology 101, 102, 220	0-15
Anthropology 100;	10	Mathematics 120-245 or 122-245	0-10
Economics 151, 152; History 101, 102, or 103; Psychology 101			

COURSES IN THE MAJOR	
Chemistry 123, 204, 331, 332, 340 and one other course	30
Physics 223, 224, or Biology 101, 102	10
COURSES IN THE MINOR	
Biology, Physics or Mathematics (requirements for minor are listed in each departmental offering)	30-20-25
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN CHEMISTRY — SECONDARY EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H and Fine Arts 152	10	Mathematics 101, or 113H; or 120 Sciences: (one ten-hour sequence)	5 10
Courses from English 203, 204, 205, 206, 207	5-10	Biology 101-102 Chemistry 121-122 Physics 223-224-225	
Fine Arts 252 (if only one of the above is selected)	5	Any science course listed above not taken in the ten-hour sequence or Math 102 or 245	5

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History 100; or 103	5	Physics 223-224	0-10
Courses from the following	10	Biology 101, 102	0-10
Anthropology 100; History 101, 102, 103; Psychology 101; Sociology 100			

CHEMISTRY MAJOR	
Chemistry 123, 204, 311, 331, 332, 340	30
PROFESSIONAL EDUCATION SEQUENCE	
Education 204, 305, 311C, 421C, 431C	35
OTHER REQUIREMENTS	
P.E. 390 or 400 and 401 or 420	8-10
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	30
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENT	6
U. S. AND GEORGIA CONSTITUTION REQUIREMENT	
U. S. AND GEORGIA HISTORY REQUIREMENT	

DUAL DEGREE PROGRAM — CHEMISTRY

The Dual Degree Program offered by North Georgia College in cooperation with Georgia Tech offers a student the opportunity to attend a liberal arts college for

three years before embarking on professional academic work at Georgia Tech for an additional two years.

After completing the academic requirements of both institutions, the student shall be awarded a bachelor's degree from North Georgia College and one of several designated bachelor's degrees from the Georgia Institute of Technology.

Dual Degree candidates from North Georgia College who work toward a B.S. in Chemistry are eligible to seek any of the following degrees at Georgia Tech.:

- Bachelor of Chemical Engineering
- Bachelor of Science in Textile Chemistry
- Bachelor of Science in Textiles

DUAL DEGREE REQUIREMENTS:

1. Complete 140 quarter hours at North Georgia College as outlined below (exclusive of basic military and P.E.)
2. A recommendation from the Academic Dean of North Georgia College
3. A college grade-point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech
4. Complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours from North Georgia College, he may petition that these excess hours be used as transfer credit to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

SPECIAL PROVISION FOR GRADUATE STUDY UNDER THE DUAL DEGREE AGREEMENT

1. The two colleges may extend permission for highly qualified, specially selected undergraduates to enter Georgia Tech at the end of three or more years of undergraduate study at North Georgia College with the intent that the degree being sought at Georgia Tech shall be at the masters level.
2. The specially selected individual shall complete enough undergraduate course work to meet the graduation requirements of North Georgia College.
3. The specially selected individual shall complete a minimum of 50 hours of graduate work at Georgia Tech.
4. Application for admission to the Graduate Division at Georgia Tech will be made during the first year in residence there with admission requirements being based on the usual recognized standards.

CORE CURRICULUM REQUIREMENTS — DUAL DEGREE PROGRAM

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102; or 105H	5-10	Mathematics 101, 102, 113-H, 121-H	10
English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Modern Language	0-10	Chemistry 121, 122	
		Physics 223, 224 or	
		Mathematics 101, 102, or 113H,	
		122H, or 120	
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Chemistry 121, 122, 123, 204	0-20
History 100*, 101, 102, 103	5-15	Physics 223, 224, 225	0-15
Courses from Psychology 101, 205;		Mathematics 122, 245, 246, 247	0-15
Sociology 100; Anthropology 100; or			
Economics 151, 152	0-10		

NOTE: The 140 hours at North Georgia College must include Physics 223, 224, 225, 230; Mathematics 245, 246, 247, 300; Chemistry 331, 332, 333, 204; and Military 300, 301, 302, or equivalent academic courses approved by the Dean.

MINOR IN CHEMISTRY

Chemistry 121, 122, 123, 230 and one other course approved by the head of the Chemistry Department.

25

COURSES IN CHEMISTRY

- 101. GENERAL CHEMISTRY. 5 hours**
Four lectures and two laboratory hours a week. General principles of chemical bonding, reactions, and equilibria as required for a basic understanding of physiological applications.
- 102. ORGANIC AND BIOCHEMISTRY SURVEY. 5 hours**
Four lectures and two laboratory hours a week. Prerequisite: Chemistry 101 or its exemption. Survey of Organic Functional groups and their reactions with applications to biochemical systems. The chemical basis for metabolism and body fluid interactions are discussed.
- 115-116. UNDERSTANDING THE PHYSICAL WORLD. 5, 5 hours**
A nonquantitative two course sequence designed to promote an understanding of the physical world for the non-science major. Natural phenomena as well as the effects of man's technology on the physical environment will be brought into focus by means of numerous demonstrations, laboratory exercises, and field trips. Relevant topics will be selected from Astronomy, Chemistry, Environmental Science, Geology, and Physics. Credit will be extended for either course separately or for both as a two quarter laboratory sequence.
- 121, 122. GENERAL CHEMISTRY. 5, 5 hours**
Admission to these courses will be by a standardized placement test and other scores. Normally these two courses would be taken by all science ma-

jors (Note schedule for a minor in chemistry.)

These courses will emphasize theory and mathematical applications more than 101 and 102 and will have a physical chemistry emphasis. Normally the student will have had 3 years of high school mathematics as well as high school chemistry. Four hours of lecture and one laboratory period each week.

123. INTRODUCTION TO CHEMICAL ANALYSIS. 5 hours
Three hours lecture and two laboratory periods per week. The laboratory work of this course will consist of qualitative analysis and a brief introduction to quantitative analysis.

204. QUANTITATIVE ANALYSIS. 5 hours
Prerequisite: Chemistry 123. The student will perform various volumetric titrations, and a gravimetric sulfate. Such instruments as the pH meter, colorimeter, and X-ray diffractometer will be studied with appropriate experiments performed. Three hours of lecture and two laboratory periods per week.

230. ORGANIC CHEMISTRY. (Brief Course) 6 hours
Prerequisite: Chemistry 123. A survey course in organic chemistry. Five lectures and one laboratory per week. This course should meet the requirements of the medical technology curriculum.

311. INTRODUCTION TO BIOCHEMISTRY. 5 hours
Prerequisites: Chemistry 230 or 332. This course discusses intermediate metabolism and the various classes of compounds involved in those transformations. Four lectures and one laboratory period per week.

331, 332, 333. ORGANIC CHEMISTRY. 5, 5, 5 hours
Prerequisite: Chemistry 123. These courses are designed to introduce the student to functional groups and their interconversion, the mechanism of chemical reaction, conformational analysis, and stereo-chemistry. The third quarter includes an introduction to carbohydrates and amino acids, kinetic methods and an introduction to problems of organic synthesis.

CHEMISTRY 331

Fall and Winter Quarters.

Four lectures and one laboratory period each week.

CHEMISTRY 332, 333

Winter, Spring Quarters.

Three lectures and two laboratory periods per week.

340. PHYSICAL CHEMISTRY. (Brief Course) 5 hours
This course is a non-calculus introduction to physical chemistry. Emphasis is placed on the application of physical chemical principles to the life sciences. Four lectures and one laboratory period per week.

341, 342, 343. PHYSICAL CHEMISTRY. 5, 5, 5 hours
Fall, Winter and Spring Quarters

Prerequisites: Chemistry 204, three quarters of general physics, and two quarters of calculus are recommended. The course presents the fundamental principles of physical chemistry. Such topics as structure of atoms and molecules, states of matter, thermodynamics, chemical kinetics, and the phase rule are discussed. The laboratory work is integrated with the course.

work and some familiarity with recent physio-chemical techniques will be acquired. Four hours lecture and one laboratory period each week.

421. INORGANIC CHEMISTRY. 5 hours

Prerequisite: Chemistry 340 or 341. An extension of the study of inorganic chemistry begun in general chemistry. The current theories of atomic structure and bonding in complex ions, crystal system, and some descriptive inorganic chemistry will be discussed. Four lectures and one laboratory period per week.

430. INTRODUCTION TO ORGANIC ANALYSIS. 5 hours

The course will be devoted to qualitative organic analysis and will be an extension of the identification done as part of the laboratory work of the basic year course in organic chemistry. Instruments, such as the infrared spectrophotometer, the ultraviolet spectrophotometer, the gas chromatograph, and other tools will be used to accomplish the stated objectives. Three hours lecture and two laboratory periods per week.

441. INSTRUMENTAL ANALYSIS. 5 hours

The lectures will consist of the discussion of various instrumental methods and applications. Analysis will be carried out using the flame photometric, atomic absorption, spectrophotometric, X-ray diffraction, and colorimetric methods. Three lectures and two laboratory periods per week.

451 a, b, c. INTRODUCTION TO CHEMICAL RESEARCH. 2, 2, 2 hours

This course is designed to prepare the student for employment as a research assistant upon the completion of the B.S. degree, or for the research work for an advanced degree. It will consist of one or two lectures or conference hours per week throughout the senior year (9 months) together with an indeterminate amount of unscheduled laboratory work. It is anticipated, however, that the laboratory work will not average less than five hours per week. The subject matter of the lectures will be the technique of research, use of technical reference literature, theory of errors, and analysis of experimental data, and report writing. The laboratory work of the first quarter will consist of exercises in glass-blowing and the construction of glass equipment. In the second and third quarters, the student will be assigned a minor research project on which he will prepare a report.

461 a, b, c. INDEPENDENT STUDY. 1, 1, 1 hour

Topics in the history of Chemistry, a review of certain topics from previous courses, and directed library readings. The student will report his work by class talks and written reports.

471. MOLECULAR STRUCTURE AND SPECTROSCOPY. 5 hours

This course will cover the use of various spectroscopic methods for examining molecular structure. The use of I.R., and X-ray will constitute the basis of laboratory work. Three lecture hours and two three-hour laboratory periods per week. This course is offered on demand.

GEOLOGY

103. INTRODUCTION TO GEOLOGY. 5 hours

Prerequisite: None. Geology is the study of the earth, thus this course is designed to help the student understand his planet by studying the mineral, rocks, rivers, lakes, oceans and their interaction to the earth. This study will be broad and will start with the formation of the earth and end with the latest continental drift theories. There will be four one-hour lectures and one three-hour laboratory period per week.

DEPARTMENT OF EDUCATION

To be eligible to receive a four-year professional teacher's certificate in Georgia one must complete a bachelor's degree program designed to meet the needs of teachers in a specific teaching field and be recommended by the college whose program has been completed. Each teacher-education program must have the approval of the State Department of Education. North Georgia College offers programs in:

Early Childhood Education

Education of Auxiliary Personnel

Elementary Education

Junior High Grades Education

Special Education

Secondary Education to include teaching fields in: Art; Business Education; English; Foreign Language-French; Mathematics; Music Education; Science-Biology; Science-Chemistry; Science-General (Junior High Grades); Science-Physics; Social Science-History; Social Science-Political Science; Behavioral Science-Psychology; Behavioral Science-Sociology.

Course requirements for the early childhood, elementary, junior high, and special education programs can be found in this section. Course descriptions for the programs in the teaching fields of secondary education are found in the area of the catalog devoted to that specific academic area.

MASTER OF EDUCATION DEGREE

North Georgia College offers a number of programs in Education where the Master of Education degree is awarded. Information related to the Graduate Programs is found in the graduate catalog.

ADMISSION REQUIREMENTS

In the first quarter of the sophomore year interested students enroll in Education 204, *Introduction to Education*. While a member of this class, every effort is made to expose the students to the nature of the profession of teaching in all of its aspects — philosophical, historical and sociological. As a part of the content of this course, the student is administered the Minnesota Teacher Attitude Inventory (MTAI), which is designed to predict how well the teacher will get along with pupils in interpersonal relationships and, indirectly, how well satisfied he or she will be with teaching as a vocation.

To be eligible for admission to one of the teacher education programs, a student must;

1. complete Education 204, *Introduction to Education*, with a grade of C or better;
2. complete 80 or more quarter hours of credit with a quality-point ratio of 2.0 or better;

3. if a transfer student, have completed at least 15 hours of credit at North Georgia College before applying;
4. possess physical and personal qualities appropriate for teaching;
5. have a positive attitude toward teaching as a profession;
6. attach to his teacher-education-application forms a letter recommending admittance signed by the head of the department of his main concentration area (applicable to high school grades);
7. have satisfactorily completed the Minnesota Teacher Attitude Inventory at North Georgia College.

Admission Procedures

If, after completing the course in *Introduction to Education*, a student decides to make application to one of the programs, two admission forms are obtained from the Head of the Department of Education. These forms are completed and submitted to the Chairman of the Teacher Education Admissions Committee. Transfer students who have completed the *Introduction* course elsewhere can, after having completed a quarter's work at the college, make formal application to enter the teacher education program.

September Field Experience

All prospective student teachers are expected to participate in a two-week teaching experience prior to the beginning of the fall quarter of the junior or senior year. This experience may take place in a school of the student's choice. Arrangements for this experience are planned jointly by the Director of Student Teaching, the student, and the school involved. The prospective student teacher spends two weeks in a school in September as a volunteer, non-paid, staff assistant in exchange for the opportunity to observe the opening, organizing, and beginning of the school year.

Student Teaching

Student teaching in all programs is done during an entire quarter of the senior year, and students are freed from any other course requirement. During this time, the student is assigned to a competent teacher in a public school system. A supervisor from the Education Department will be assigned to each student to guide and direct student teaching activities. A copy of the Student Teaching Handbook will be distributed to all personnel involved.

REQUIREMENTS IN COMPLIANCE WITH GEORGIA LAW

In compliance with Georgia law regulations of the University System Board of Regents, North Georgia College requires that students preparing for teacher certification take:

1. separate courses in Health and Physical Education;
2. a course in Special Education;
3. both the common and teaching field areas of the National Teacher Examination.

RETENTION IN A TEACHER EDUCATION PROGRAM

One important aspect of the teacher education program is the constant vigilance exercised by the staff involved to insure that standards of quality are maintained.

The following standards must be maintained for continued retention in a program

- 1. Compliance with rules and regulations prescribed for all students at North Georgia College.
- 2. Continuance of an acceptable history of mental, emotional, and physical health.
- 3. The final successful completion of all professional education courses with an academic grade of C or better. (These courses cannot be taken by correspondence or extension work.)
- 4. Maintenance of a C average or better in the student's main area of concentration.

GUIDANCE OF TEACHER EDUCATION STUDENTS

The Head of the Department of Education has the responsibility of guiding most students enrolled in teacher education programs throughout their course work. Guidance of students in the high school and grades 1-12 programs will be shared jointly between the Head of the Department of Education and the head of the student's main concentration area. The overall responsibility for the conduct of any teacher-education program rests with the Head of the Department of Education.

MAJOR IN EARLY CHILDHOOD EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101; or 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences; (one ten-hour sequence)	10
Fine Arts 252 (if only one of the above is selected)	0-5	Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 115-116; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics. Both Physical and Biological sciences should be represented.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Speech 211 or 213	5
100-200 level courses in History	15	Fine Arts 210, 252, or Music 205	5
		Psychology 101	5
		Sociology 100 or 225	5
		Education 204	5
		Social Studies 251	5

EARLY CHILDHOOD EDUCATION MAJOR	
Education 301 or Psychology 301; Education 305, 311f, 412, or 415, 419, 421t, 431f	45
OTHER REQUIREMENTS:	
Include at least one course from each group below. One course marked with an asterisk (*) must be included in each group.	
Art 331*, 252, 432	5
Health and Physical Education 390*, 420*	10
Language Arts 308, 320, 420*, 421	5
Mathematics 310, 311	5
Music 306*	5
Science 332a, 333a, 443, 460*	5
Education 415	5
Special Education 490, 360	5
ELECTIVES (from courses previously listed and courses below to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
Others upon approval	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS (must include personal fitness and swimming, plus four others)	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN ELEMENTARY EDUCATION
CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101; or 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 (if only one of the above is selected)	0-5	Biology 101-102	
		Chemistry 101-102	
		Physics 101-102	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics. Both Physical and Biological sciences should be represented.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Speech 211 or 213	5
100-200 level courses in History	15	Fine Arts 252, or Music 205	5
		Psychology 101	5
		Sociology 100 or 225	5
		Art 150, 151, 152	5
		Social Studies 251 or 320a	5

EDUCATION COURSES (95 hours)	HOURS CREDIT
Education 204	5
Education 301	5
Education 305	5
Mathematics 310 or 311	5
Music 306	5
Physical Education 390 and 420	10
Art 331	5
Language Arts 308	5
Language Arts 320	5
Education 311a	5
Education 421a	5
Language Arts 420	5
Language Arts 421	5
Education 460	5
Special Education 360 or 490	5
Student Teaching — Education 431a	15
ELECTIVES (from courses in previous listing and courses below to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
Art 252, or 432	
Fine Arts 252	
Science 443	
Social Studies 320a	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS (must include personal fitness and swimming, plus four others)	
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN JUNIOR HIGH EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES		AREA II — MATHEMATICS AND NATURAL SCIENCE	
	HOURS CREDIT		HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101; or 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Biology 101-102	10
Fine Arts 252 (if only one of the above is selected)	0-5	Chemistry 101-102; or 121-122	
		Physics 101-102; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics. Both Physical and Biological sciences should be represented.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Speech 211	5
100-200 level courses in History	15	Art 210, 252, or Music 205	5
		Education 204	5
		Sociology 225 or 100	5
		Business Administration 151	5
		Psychology 101	5
JUNIOR HIGH EDUCATION MAJOR			
Education 302, 305, 311b, 331, 421b, 431b			40
OTHER REQUIREMENTS:			
Business Administration 330 or 151			5
Art 252 or Music 252 or Music 205			5
COURSES IN THE MINOR			20
A student may elect one of three programs of concentration.			
Program 1: A concentration in Social Science and English with 20 hours of approved work in each field plus one course in each of the following specialized subject areas: Art 331; Language Arts 420; Social Studies 251, 320b, 433.			
Program 2: A concentration in Mathematics and Science with 20 hours of approved work in each field plus one course in each of the following specialized subject areas: Art 331; Language Arts 420; Science 332b; Social Studies 251, 320b, 433.			
Program 3: A concentration in Science and Social Studies with 20 hours of approved work in each field plus one course in each of the following specialized subject areas: Art 331; Language Arts 420; Science 332b; Social Studies 251, 320b, 433.			
ELECTIVES (from courses below to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
Language Arts 420			
Education 416			
Mathematics 310 and/or 311			
Language Arts 333			
Language Arts 421			
Other upon approval			

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN SPECIAL EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102, or 105H ✓	5-10	Mathematics 101	5
English 203, 204, 205, 206, or 207 (any two)	5-10	Sciences: (one ten-hour sequence)	10
Speech 211 (if only one of the above is selected)	5	Biology 101-102	
		Chemistry 101-102	
		Physics 101-102	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics. Physical and Biological sciences should be represented.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Fine Arts 252 or Music 205	5
100-200 level courses 10 in History	15	Psychology 101	5
		Sociology 100	5
		Education 204	5
		Approved Electives	

SPECIAL EDUCATION MAJOR — ELEMENTARY LEVEL	
Education 301 or Psychology 310	5
Education 305, 311a, 421a	15
Special Education 478 or 479	15
Special Education 360, 370, 450, 468, 470, 472, or 474	30
OTHER REQUIREMENTS — ELEMENTARY LEVEL	
Language Arts 308, 420	10
Health and Physical Education 390 or 400 and 401 or 420	10
Mathematics 310 or 311	5
Art 331	5
Music 306	5
SPECIAL EDUCATION MAJOR — SECONDARY LEVEL	
Education 301 or Psychology 310	5
Education 305, 311c, 421c	15
Special Education 360, 370, 450, 468, 470, 473, or 474	30
Special Education 478 or 479	15
OTHER REQUIREMENTS — SECONDARY LEVEL	
Education 302	5
Sociology 216	5
Art 332	5

Music 306	5
Language Arts 420	5
Mathematics 310 or 311	5
Physical Education 390 or 400 and 401 or 420	10
ELECTIVES (choose from courses listed below to bring the total number of credit hours to at least 185 exclusive of basic Military Science and basic Physical Education.)	
Special Education 480, 490, 467, 477 or	
Other Approved Electives	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS (must include personal fitness and swimming, plus four others)	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

COURSES IN EDUCATION

201.	SELECTED TOPICS FOR AUXILIARY PERSONNEL.	5 hours
	A survey of topics of special interest to auxiliary personnel who are preparing to work in public schools. Topics include reading, mathematics, media, child development, physical education, and writing. In addition to classroom instruction in the special topics, practical experience in public school classrooms is provided.	
204.	INTRODUCTION TO EDUCATION.	5 hours
	The primary purpose of this course is to furnish guidance to prospective teachers. Teaching is a profession and will be carefully analyzed. Students will study and evaluate their own abilities and traits as attributes of the teacher's personality. An overview of the American public school system will be presented.	
301.	CHILD DEVELOPMENT.	5 hours
	<i>(See Psychology Courses.)</i>	
302.	PSYCHOLOGY OF ADOLESCENCE.	5 hours
	<i>(See Psychology Courses.)</i>	
303.	HUMAN GROWTH AND DEVELOPMENT.	5 hours
	A study of the development of the human from the prenatal period through adolescence. Focuses on the role played by maturation and experience in the social, emotional, intellectual, moral, and physical development of the individual. Includes genetic and environmental influences on the development of the person. Educational practices considered in relation to their effect on the development of children. Treats the relationship of learning and learning theory on classroom teaching and planning. Observation and study of children in public school required two hours weekly.	
305.	EDUCATIONAL PSYCHOLOGY.	5 hours
	Emphasis is placed on learning; its nature, motivation, retention, appraisal, transfer, and application. Adjustment of educational practices to individual	

differences in abilities and interests among pupils will be considered
Weekly laboratory experiences in teaching-learning situations will be held

- 311 a. **ELEMENTARY SCHOOL CURRICULUM.** **5 hours**
In this course consideration will be given to problems in planning for and executing appropriate learning experiences for the children of elementary grades. Directed observation in selected schools is required. Class, including laboratory, meets ten hours in each week.
- 311 b. **CURRICULUM FOR JUNIOR HIGH GRADES.** **5 hours**
In this course consideration will be given to problems in planning for and executing appropriate learning experiences for the children of grades seven through nine. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 c. **CURRICULUM FOR THE HIGH SCHOOL GRADES.** **5 hours**
This course is designed to give students an overall view of the curriculum of the high school. Objectives and content of the curriculum are discussed from the standpoint of teaching. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 d. **ART EDUCATION CURRICULUM.** **5 hours**
In this course consideration is given to problems in planning for and executing art experiences from kindergarten through high school. Special consideration will be given to the role of the art supervisor in the total curriculum of the public school. Direct observation and teaching is required. Class, including laboratory, meets ten hours each week.
- 311 e. **MUSIC EDUCATION CURRICULUM.** **5 hours**
Current practices and problems in planning for and executing appropriate learning experiences in general music and performance oriented groups from kindergarten through high school will be studied. Field experience and observation is required. Class, including laboratory, meets ten hours each week.
- 311 f. **CURRICULUM FOR EARLY CHILDHOOD EDUCATION.** **5 hours**
Principles and practices for planning learning activities for pre-school and primary grades. Directed observation in selected schools is required. Class, including laboratory, meets for ten hours each week.
401. **EDUCATIONAL MEDIA.** **5 hours**
(On Demand.)
The psychological principles underlying the use of audio-visual equipment and materials will be discussed. Some laboratory work will be included.
- 403, 404, 405. **PROBLEMS IN EDUCATIONAL PSYCHOLOGY.** **2, 2, 2 hours**
(On Demand.)
Research done independently or in groups on problems pertinent to the field. Open to Senior departmental majors and in-service teachers.
- 406, 407, 408. **PROBLEMS IN CURRICULUM AND METHODS.** **2, 2, 2 hours**
(On Demand.)
Research done independently or in groups on problems pertinent to the field. Open to Senior departmental majors and in-service teachers.

- 412. THE YOUNG CHILD IN THE HOME AND COMMUNITY. 5 hours**
A study of the role of the home, community, and state in the education of the young child. Special emphasis is placed upon working with parents of young children in order to get maximum home reinforcement of the knowledge and skills taught by schools.
- 415. CREATIVE ACTIVITIES. 5 hours**
A course designed to give students experiences in selecting and presenting art activities, stories, finger plays, music, rhythms, woodwork, science and nature experiments in the nursery school.
- 416. EDUCATIONAL MEASUREMENTS AND EVALUATION. 5 hours**
Prerequisites: Two courses in education or psychology or equivalent. Theory of and practice in construction, administration, and interpretation of tests and other measuring devices for mental ability, special aptitudes, scholastic achievement and personality.
- 417. MENTAL HYGIENE. 5 hours**
(See *Psychology Courses.*)
- 418. PRINCIPLES OF GUIDANCE. 5 hours**
A survey of vocational and educational guidance services designed to give a fundamental understanding of the role of guidance in school programs.
- 419. PRACTICUM IN THE NURSERY SCHOOL AND KINDERGARTEN. 5 hours.**
Observation and participation in a Nursery School program with scheduled seminar discussion groups.
- 421 a. MATERIALS AND METHODS IN THE ELEMENTARY SCHOOL. 5 hours**
Basic techniques involved in the effective guidance of the learning of children in the elementary school, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 b. MATERIALS AND METHODS IN THE JUNIOR HIGH GRADES. 5 hours**
Basic techniques involved in the effective guidance of learners in grades seven through nine, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 c. MATERIALS AND METHODS FOR HIGH SCHOOL GRADES. 5 hours**
Basic techniques involved in the effective guidance of learners in high school grades and in various instructional materials adapted for use at this level are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 d. MATERIALS AND METHODS FOR ART EDUCATION. 5 hours**
Basic techniques involved in effective methods of guiding and supervising art programs in the public school from kindergarten through high school. The use of various instructional materials appropriate for the various levels

will also be studied. Directed observation and teaching is required. Class, including laboratory, meets ten hours each week.

- 421 e. MATERIALS AND METHODS FOR MUSIC EDUCATION. 5 hours**
Techniques and materials involved in the effective guidance of learners in kindergarten through high school are studied. Field experience and observation is required. Class, including laboratory, meets ten hours per week.
- 421 f. MATERIALS AND METHODS IN EARLY CHILDHOOD EDUCATION. 5 hours**
Materials and methods for teaching the basic techniques involved in the effective guidance of the learning of children in nursery schools, kindergartens, and early elementary grades; survey of current materials of instruction and directed observation of young children and teachers at work. Meets ten hours each week.
- 430. PSYCHOLOGY OF THE DISADVANTAGED. 5 hours**
(See *Psychology Courses*.)
- 431 a. STUDENT TEACHING IN THE ELEMENTARY SCHOOL.* 15 hours**
Prerequisites: Scholastic standing of at least C; completion of Language Arts 420, Education 311a, 421a, 204, 305 and 301 with a grade of at least C; enrollee at North Georgia College for two quarters; written application approved one quarter in advance.
- 432 h. STUDENT TEACHING IN THE JUNIOR HIGH GRADES.* 15 hours**
Prerequisites: Scholastic standing of at least C; completion of Education 311b, 421b, 204, 305, 302 with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved one quarter in advance.
- 431 c. STUDENT TEACHING IN THE HIGH SCHOOL GRADES.* 15 hours**
Prerequisites: Scholastic standing of at least C; completion of Education 311c, 421c, 204, 305a with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved one quarter in advance.
- 431 d. STUDENT TEACHING IN ART.* 15 hours**
Prerequisites: Scholastic standing of at least C; completion of Education 311d, 421d, 204, 305 with a grade of at least C in each; enrollee at North Georgia College for two quarters; written application approved one quarter in advance.
- 431 e. STUDENT TEACHING IN MUSIC.* 15 hours**
Prerequisites: Scholastic standing of at least C; completion of Education 311e, 421e, 204, 305 with a grade of at least C in each; enrollee at North Georgia College for two quarters; written application approved one quarter in advance.

- 431 f. STUDENT TEACHING IN EARLY CHILDHOOD.* 15 hours**
 Prerequisites: Scholastic standing of at least C; completion of Education 301, 305, 311f, 421f, Language Arts 420 with a grade of at least C; enrollee at North Georgia College for two quarters; written application approved one quarter in advance.
- 441, 442. WORKSHOP FOR ELEMENTARY TEACHERS. 5, 5 hours**
(On Demand.)
 Open only to juniors, seniors, and post-graduates who have had no previous workshop experience but have completed at least three courses in education. The entire school day will be devoted to activities especially planned to provide in-service elementary teachers with an opportunity to work on instructional problems.
- 443, 444. WORKSHOP FOR JUNIOR HIGH TEACHERS. 5, 5 hours**
(On Demand.)
 Open only to juniors, seniors, and post-graduates who have had no previous workshop experience but have completed at least three courses in education. The entire school day will be devoted to activities especially planned to provide in-service teachers of grades seven through nine with an opportunity to work on instructional problems.
- 445, 446. WORKSHOP FOR SENIOR HIGH TEACHERS. 5, 5 hours**
(On Demand.)
 Open only to juniors, seniors, and post-graduates who have had no previous workshop experience but have completed at least three courses in education. The entire school day will be devoted to activities especially planned to provide in-service teachers of grades nine through twelve with an opportunity to work on instructional problems.
- 451 a. ADVANCED WORKSHOP FOR ELEMENTARY TEACHERS. 5 hours**
(On Demand.)
 Prerequisite (toward degree requirements only): Education 441a or the approved equivalent.
- 451 b. ADVANCED WORKSHOP FOR JUNIOR HIGH GRADES TEACHERS. 5 hours**
(On Demand.)
 Prerequisite (toward degree requirements only): Education 441b or the approved equivalent.
- 454. FOUNDATIONS OF EDUCATION. 5 hours**
(On Demand.)
 A study of the historical, sociological, economic, psychological, and philosophical foundations of education. Teachers aides or in-service teachers may take this course in lieu of Education 204

Observation and participation in teaching is accomplished in the appropriate schools throughout the day during the quarter. Gradual induction into the situation will take place, leading to increased responsibility and finally to full time teaching. A student teacher making satisfactory progress will assume the complete teaching load for at least three weeks. Conferences will be held throughout the quarter with the college supervisor. A mid-quarter and final seminar will be held on campus. Students, unless granted permission by the Director of Student Teaching to do otherwise, will be expected to live in the community where the assigned school is located.

COURSES IN SPECIAL EDUCATION

360. **INTRODUCTION TO EXCEPTIONAL CHILDREN.** 5 hours
A study of physical, social, mental and emotional differences as found in children. The characteristics, both physical and behavioral, as well as methods of diagnosis and remediation for the academically talented, the mentally retarded, blind, partially sighted, deaf or hard of hearing, specific learning disabilities, culturally disadvantaged and behavior disordered are reviewed.
370. **INTRODUCTION TO MENTAL RETARDATION.** 5 hours
A course designed to review the historical treatment, etiology and characteristics of the mentally retarded. Methods of diagnosing, placing and working with the retarded will be covered.
450. **EDUCATIONAL ASSESSMENT OF EXCEPTIONAL CHILDREN.** 5 hours
A course designed to provide a background of formal and informal evaluative procedures for use with children who have various types of learning problems. The course includes individual tutoring and prescriptive teaching techniques.
464. **WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN.** 5 hours
A course designed to teach the techniques which an educator might use in communicating with parents of exceptional children. The means of interpreting handicapping conditions and school programs to parents in order to get maximum home reinforcement of the attitudes, skills and knowledge taught in school will be covered.
468. **EDUCATIONAL AND MEDICAL ASPECTS OF CRIPPLING AND SPECIAL HEALTH CONDITIONS.** 5 hours
A study of physically disabling conditions which cause educational difficulties, orthopedic conditions, progressive deterioration conditions, low vitality conditions, central nervous system injury and multiple handicaps will be covered.
470. **METHODS AND MATERIALS FOR TEACHING THE EDUCABLE MENTALLY RETARDED.** 5 hours
Methods and materials as they relate to the development of desirable attitudes, abilities and skills of the educable mentally retarded.
472. **SPEECH AND LANGUAGE DEVELOPMENT FOR EXCEPTIONAL CHILDREN.** 5 hours
This course covers the current understanding of speech and language development for exceptional children. A study of methods, materials, and experiences.
473. **VOCATIONAL TRAINING AND WORK STUDY PROGRAMS FOR THE EDUCABLE MENTALLY RETARDED.** 5 hours
A course emphasizing the educator's role in vocational experiences in the school and out of the school setting. Job placement, working with other disciplines and agencies in the community and supervision in job training situations will be covered.

474. **METHODS AND MATERIALS FOR TEACHING TRAINABLE MENTALLY RETARDED.** 5 hours
A course covering diagnostic criteria and the development of teaching materials and relationships with community organizations interested in developing a public school, private school, community center or institutional program for trainable mentally retarded children.
477. **VOCATIONAL TRAINING AND WORK STUDY PROGRAM FOR THE TRAINABLE MENTALLY RETARDED.** 5 hours
A course emphasizing the educator's role in vocational experiences of the trainable mentally retarded in the school and community.
478. **STUDENT TEACHING WITH THE EDUCABLE MENTALLY RETARDED.** 15 hours
479. **STUDENT TEACHING WITH THE TRAINABLE MENTALLY RETARDED.** 15 hours
480. **INTRODUCTION TO THE EDUCATION OF CHILDREN WITH EMOTIONAL PROBLEMS.** 5 hours
A course designed to discuss behavioral characteristics of children with emotional problems in terms of etiology, identification, behavior management and curricular planning. (Elective for B.S. in Sp.Ed. with major in MR; the beginning course sequence on Emotionally Disturbed)
490. **INTRODUCTION TO THE EDUCATION OF CHILDREN WITH LEARNING DISABILITIES.** 5 hours
A course giving an overview of the field of learning disabilities as concerned with referral diagnosis, management and educational practices. (Elective for B.S. in Sp.Ed. with major in MR; the beginning course in sequence on Learning Disabilities)

SPECIALIZED COURSES FOR ELEMENTARY AND JUNIOR HIGH GRADE TEACHERS

ART

331. **ELEMENTARY ART (See COURSES IN FINE ARTS).** 5 hours
332. **SECONDARY SCHOOL ART (See COURSES IN FINE ARTS).** 5 hours

HEALTH AND PHYSICAL EDUCATION

105. **NUTRITION EDUCATION.** 5 hours
(See Nursing Education.)
390. **HEALTH EDUCATION (See COURSES IN PHYSICAL EDUCATION).** 5 hours

- 420 a. **ELEMENTARY AND SECONDARY SCHOOL
PHYSICAL EDUCATION. (See COURSES IN PHYSICAL
EDUCATION).** **5 hours**

LANGUAGE ARTS

308. **CHILDREN'S LITERATURE.** **5 hours**
The reading and evaluation of books for children. Discussed in the course are sources of information about children's books, children's interests in reading, the work of important authors and illustrators, and problems in the guidance of reading.
320. **LANGUAGE ARTS FOR THE ELEMENTARY GRADES.** **5 hours**
This course provides for individual diagnosis and correction of problems in the student's handwriting, spelling, oral and written expression. Consideration is given to the study of appropriate techniques and materials for the teaching of reading, handwriting, spelling, and oral and written expression in the elementary school.
333. **JUVENILE LITERATURE.** **5 hours**
Reading and study of the various types of literature for young people, as well as a study of the appropriate reading programs for junior high school pupils, are included in this course.
420. **THE TEACHING OF READING.** **5 hours**
An intensive study of reading skills. The role of readiness, vocabulary development, phonics, and word recognition as each is related to comprehension will be studied. Students will be required to participate in the teaching of reading in the public schools. Required of elementary education majors prior to student teaching.
421. **THE ANALYSIS AND CORRECTION OF
READING DISABILITIES.** **5 hours**
Prerequisite: Language Arts 420. Causes of reading disability; methods of diagnosis; procedures and materials for corrective work, group and individual. A minimum of two hours per week will be devoted to teaching a child to read or in the reading laboratory.

MATHEMATICS

310. **INTRODUCTION TO MODERN MATHEMATICS FOR
ELEMENTARY AND JUNIOR HIGH TEACHERS I.**
(See COURSES IN MATHEMATICS) **5 hours**
311. **INTRODUCTION TO MODERN MATHEMATICS FOR
ELEMENTARY AND JUNIOR HIGH TEACHERS II.**
(See COURSES IN MATHEMATICS) **5 hours**

MUSIC

205. **MUSIC HISTORY AND APPRECIATION. (See COURSES
IN FINE ARTS)** **5 hours**

252. **FINE ARTS (See COURSES IN FINE ARTS)** **5 hours**
306. **MUSIC FOR THE ELEMENTARY GRADES. (See COURSES IN FINE ARTS)** **5 hours**

SCIENCE

- 332 a. **BIOLOGY FOR THE ELEMENTARY SCHOOL.** **3 hours**
A course designed to enable elementary teachers to better understand how organisms reproduce and maintain themselves. Demonstrations and experiments suitable for elementary classrooms will be performed.
- 332 b. **BIOLOGY FOR THE JUNIOR HIGH GRADES.** **3 hours**
A course designed to develop in junior high grades teachers ecological concepts and understanding pertaining to organisms. Demonstrations and experiments suitable for use in grades seven through nine will be performed.
- 333 a. **PHYSICAL SCIENCE FOR THE ELEMENTARY SCHOOL.** **5 hours**
A course dealing with the everyday aspects of physics, chemistry, and astronomy as they might need to be explained by the elementary teacher with little specific training in the physical sciences. The work will include demonstrations and suitable experiments that can be performed with materials available in the average elementary and home situation.
- 333 b. **PHYSICAL SCIENCE FOR THE JUNIOR HIGH GRADES.** **5 hours**
A course concerning the everyday aspects of physics, chemistry, and astronomy for teachers of grades seven, eight, and nine. In addition to content the class members will be encouraged to prepare and present related demonstrations applicable to teaching situations at this level.
443. **EARTH SCIENCE FOR THE ELEMENTARY AND JUNIOR HIGH SCHOOLS.** **4 hours**
In this course the earth and the resources it provides will be studied. Elementary concepts of Geology will be introduced. Problems pertaining to the conservation of such resources as soil, water, forests, wildlife and minerals will be emphasized. Three hours of class and two hours of laboratory work weekly.
460. **TEACHING ELEMENTARY SCHOOL SCIENCE.** **5 hours**
An overview of the recently developed methods and materials in the teaching of elementary school science. Emphasis is given to improving the conceptual level in science, to scientific inquiry and to teacher-pupil involvement in the processes of science.

SOCIAL STUDIES

251. **WORLD HUMAN GEOGRAPHY.** **5 hours**
World conditions will be studied with reference to the adaptations made to them by man. The influence of geographical factors on modes of living, types of occupations, social organization and government will be given emphasis.

- 320 a. **SOCIAL STUDIES FOR THE ELEMENTARY GRADES.** **5 hours**
An integrated social studies course designed for elementary teachers. Consideration will be given to such topics as local government functions; transportation; ways of communications; property rights and responsibilities.
- 320 b. **SOCIAL STUDIES FOR THE JUNIOR HIGH GRADES.** **5 hours**
An integrated course for teachers in grades seven, eight, and nine. Topics considered include responsibilities of family membership, occupations, labor unions, taxation, and world cultures other than our own.

LIBRARY SCIENCE

301. **LIBRARY ORGANIZATION AND ADMINISTRATION.** **5 hours**
Fundamental aims and functions of library service; basic principles of library administration; role of the library in the school; techniques of budgeting, procedures, and routines; observation visits and field trips are studied. Open to Juniors and Seniors.
302. **CATALOGING, CLASSIFICATION, AND ORGANIZATION OF RESOURCES.** **5 hours**
The objective of this course is to develop an understanding of the nature and purpose of cataloging and classification and a knowledge of techniques and competence in performance in the bibliographic organization and control of resources. The course is developed by means of readings, lectures, discussions, demonstrations, problems, and laboratory work. Open to Juniors and Seniors.
303. **SELECTION AND GUIDANCE IN THE USE OF BOOKS AND OTHER PRINT AND NON-PRINT MATERIALS.** **5 hours**
This course familiarizes the student with methods of evaluation of materials for book selection for a given library or a given grade and reading level; presents sources from which to select books; and assigns problems to emphasize uses of book selection guides, reading lists, as well as uses of all types of non-book materials. Open to Juniors and Seniors.
304. **THE USE OF BOOKS AND RELATED MATERIALS.** **5 hours**
Develops the knowledge of reference materials and services in the areas of content, evaluation, organization, and use; laboratory reference with the use of the college library collection. Open to Juniors and Seniors.

DEPARTMENT OF ENGLISH

MAJOR IN ENGLISH

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101, 102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
 AREA III — SOCIAL SCIENCE		 AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	French, German or Spanish	10-20
Courses from History 101, 102, 103, 251, 252, 253	10	Courses from English 203, 204, 205, 206, 207 other than those used in Area I; History 251, 252, 253 other than those used in Area II; Fine Arts 252; Speech 211 or 212	10-20
Psychology 101	5		

COURSES IN THE MAJOR

A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours be from 300-400 courses.

45

COURSES IN THE MINOR

Under the direction of the department head, the student will select a closely-related departmental minor.

20

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN ENGLISH — SECONDARY EDUCATION

(For Core Curriculum Requirements see above)

COURSES IN THE MAJOR

A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours from 300-400 courses. At least 5 hours must be from American Literature.

45

Speech 211 or 212
Fine Arts 252

PROFESSIONAL EDUCATION SEQUENCE
Education 204, 305, 311c, 421c, 431c

35

OTHER REQUIREMENTS
Physical Education 390, 309
Special Education 360
Language Arts 420

6
5
5

ELECTIVES (to bring total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN AMERICAN STUDIES

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES

HOURS
CREDIT

English 101-102; or 105H
French 211-212; or Spanish
211-212; or German 211-212
Courses from English 203, 204,
205, 206, or Fine Arts 252

10
10
10

AREA II — MATHEMATICS AND NATURAL SCIENCE

Mathematics 101-102; or 113H
Sciences: (one ten-hour sequence)

HOURS
CREDIT

10
10

AREA III — SOCIAL SCIENCE

Political Science 101
Anthropology 100
Psychology 101
Sociology 100

5
5
5
5

AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD

English 207
Education 204
Four courses from History 251,
252, 253; Business
Administration 151, 152

5
5
20

AMERICAN STUDIES MAJOR

Two courses from English 301, 302, 303, 304, 402
Two courses from History 330, 351, 352, 401, 402, 403
Two courses from Political Science 301, 305, 306, 310, 410, 411
Two courses from Sociology 225, 301, 302, 303, 316, 320, 321
Two courses from Biology 326, Business Administration 490,
Psychology 430, Anthropology 302
One course from Art 351 or Music 405

10
10
10
10
10
5

ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

MODERN LANGUAGE REQUIREMENTS
U.S. AND GEORGIA CONSTITUTION REQUIREMENT
U.S. AND GEORGIA HISTORY REQUIREMENT

MINOR IN ENGLISH

Courses from the following:	
English 203, 204, 205, 206, 207	10
English courses at the 300-400 level	20

COURSES IN ENGLISH

101.	GRAMMAR AND COMPOSITION. The study of basic English grammar with emphasis on intensive composition.	5 hours
102.	COMPOSITION. Prerequisite: English 101. Students undertake extensive composition with particular attention to organization, coherence, etc.	5 hours
105 H.	HONORS ENGLISH. <i>Fall Quarter.</i> Students who have high entrance scores and who qualify by writing an acceptable theme may be placed in a special course to cover their freshman English needs in one quarter. Any student not doing satisfactory work in English 105H may be changed to the regular English 101 not later than two weeks after the beginning of the quarter.	5 hours
203, 204.	A SURVEY OF ENGLISH LITERATURE. Prerequisite: English 102 or 105H. These courses are a chronological study of the works of major British writers from the beginning to the present.	5, 5 hours
205, 206.	A SURVEY OF WORLD LITERATURE. Prerequisite: English 102 or 105H. These courses are a survey of World Literature from Homer to the present, with attention to artistic form and currents of thought related to Western Culture.	5, 5 hours
207.	CONTEMPORARY AMERICAN LITERATURE. Prerequisite: English 102 or 105H. This course is a study of selected works of American literature of the twentieth century.	5 hours
301.	FOLKLORE OF THE AMERICAN PEOPLE. An introduction to the various genera of folk material and the techniques of its recognition and study. Special attention is given to the folklore of the southern Appalachian region.	5 hours
302.	AMERICAN LITERATURE TO 1860.	5 hours
303.	AMERICAN LITERATURE FROM 1860 TO THE PRESENT.	5 hours

304. **SOUTHERN LITERATURE.** 5 hours
The non-dramatic literature of the South, including a brief background study of the literary trends from the Civil War to the Southern Renaissance and concentrating on writers of the twentieth century.
306. **SHAKESPEARE.** 5 hours
A study of selected representative comedies, chronicles, and tragedies, with emphasis on tragedies.
307. **ADVANCED ENGLISH GRAMMAR.** 5 hours
309. **THE NOVEL.** 5 hours
Studies in the development of prose fiction from the Eighteenth Century to the present.
315. **MODERN DRAMA.** 5 hours
A study of the work of Modern dramatists, beginning with Ibsen.
401. **HISTORY OF THE ENGLISH LANGUAGE.** 5 hours
An introduction to the study of linguistics and its elements with special reference to the development of modern English from its beginnings to the present.
402. **NINETEENTH CENTURY AMERICAN ROMANTICISM.** 5 hours
A study of major American writers between 1830 and 1870. Emphasis is on Emerson, Hawthorne, Melville, and Whitman.
440. **CHAUCEER.** 5 hours
Emphasis is on *The Canterbury Tales*.
460. **ENGLISH RENAISSANCE.** 5 hours
A survey of non-dramatic English literature from 1500 to the Restoration.
480. **ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY.** 5 hours
490. **ENGLISH LITERATURE OF NINETEENTH CENTURY ROMANTICISM.** 5 hours
A study of Romanticism with emphasis on the major poets.
495. **ENGLISH LITERATURE OF THE VICTORIAN ERA.** 5 hours
Emphasis is on the major poets.

FINE ARTS DEPARTMENT

The Fine Arts Department includes courses of study in the areas of Visual Arts, Music, Speech and Drama. A Bachelor of Arts degree is offered in Craft Design. A Bachelor of Science degree is offered in Art Education, Music Education and Craft/Marketing. Any student may minor in Fine Arts with an emphasis in either Art, Music, or Drama.

Portfolio Requirements:

All art students will be required to submit a portfolio of art work to the art faculty for the purpose of review and counseling during the junior year. Transfer students will be admitted to the art program and transfer credits accepted into the program after one quarter resident work and a portfolio review.

Ensemble and Recital Participation:

All music education majors are required to participate in a performing organization each quarter with the exception of the quarter in which student teaching is done. All music education majors are required to attend recitals and concerts. Such participation is considered a vital part of the student's music education.

Comprehensive Exit Examinations:

All art majors must meet portfolio and art history proficiency requirements before graduation. Music majors must meet senior recital and music theory requirements before graduation. In addition, art education and music education majors must also take the National Teachers Examination.

North Georgia College Visual Arts Collection:

A permanent collection of original art work is being acquired through the purchase and donation of professional and student art work. Of particular interest is a collection of regional folk craft items.

North Georgia College Music Scholarships:

The C. J. Dismukes Scholarship Fund and the Alva N. Pendergrass Fund awards a limited number of music scholarships each year. These are awarded on the basis of merit. Further information may be obtained by writing Michael M. O'Neal, Coordinator of Music, North Georgia College, Dahlonega, Georgia 30533.

MAJOR IN ART EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDITS
English 101-102; or 105H	5-10	Mathematics 101, 102, 113H, 120	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected:		Biology 101-102-103 (any two)	
Fine Arts 252 or any appropriate course in the		Chemistry 101-102; 115-116; or 121-122	
Modern Languages	5	Physics 101-102; 115-116; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics.	5
 AREA III — SOCIAL SCIENCE		 AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Music and/or Drama	5
100-200 level History courses	5-15	Education 204	5
Courses selected from the following:	0-10	Courses from Art 101, 103, 104	15
Anthropology 100		Visual Arts Survey 150, 151	5
Psychology 101, 205			
Sociology 100, 201			
Economics 151, 152			
 ART EDUCATION MAJOR			
Courses from the following:			
Art 101, 102, 103, 104, 105, 106, 107 (any six)			30
Visual Art Survey 150, 151			10
Art 310, 315, 320, 345, 380			10
Art 410, 415, 420, 480			5
Art 340, 360, 365, 370			10
Art 440, 460, 465, 470			5
Art History 350, 351, 450, 451			10
Art Education 331, 332			10
Art 490			1
Other Requirements: History 100			5
 COURSES IN THE MINOR			
A professional education sequence: Education 204, 305, 311d, 421d, 431d.			35
 OTHER REQUIREMENTS			
Physical Education 390 or 400 and 401 or 420 and Education 360			8-10
 ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
 MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
 U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
 U.S. AND GEORGIA HISTORY REQUIREMENT			

MAJOR IN CRAFT DESIGN

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101, 102, 113H, 120	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected:		Biology 101-102-103 (any two)	
Fine Arts 252 or any appropriate course in the		Chemistry 101-102; 115-116; or 121-122	
Modern Languages	5	Physics 101-102; 115-116; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Language	10
100-200 level History courses	5-15	Courses from the following: Art	
Courses selected from the following:	0-10	101, 103, 104	15
Anthropology 100		Visual Arts Survey 150, 151	5
Psychology 101, 205			
Sociology 100, 201			
Economics 151, 152			
CRAFT DESIGN MAJOR			
Courses from the following			
Art 101, 102, 103, 104, 105, 106, 107 (any six)			30
Visual Arts Survey 150, 151			10
Art History 350, 351, 450, 451			10
Intermediate Studio on 300-400 level			30
Studio Concentration on 400 level			20
Art 490			1
OTHER REQUIREMENTS			
Music and/or Drama			5
History 100			5
COURSES IN THE MINOR			
Under the direction of the department head, the student will select a closely-related departmental minor.			minimum—20
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS: One language			20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

MAJOR IN CRAFT/MARKETING

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDITS
English 101-102; or 105H	5-10	Mathematics 101, 102	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected		Biology 101-102	
Fine Arts 252 or any appropriate course in the		Chemistry 101-102, or 121-122	
Modern Languages	5	Physics 101-102; or 223-224; or 223-225	
 AREA III — SOCIAL SCIENCE		 AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Art 101, 104, 107	15
Courses from History 101, 102, 103, 251, 252, 253	5-15	BA 152, 206, 207	15
Courses from Economics 151, Psychology 101, or Sociology 100, 205, Anthropology 101	0-10		
 CRAFT/MARKETING MAJOR			
Art Courses from the following			
Art 310 or 315			5
Art History 350, 351, 450			5
Art 360			5
Art 365			5
Art 370			5
Art 345			5
Art 380			5
Business Courses from the following			
BA 350			5
BA 355			5
BA 420			5
BA 480			5
BA 362			5
Five hours of Business Administrative courses subject to the approval of the advisor			5
 OTHER REQUIREMENTS			
Internship 485 (Craft/Marketing)			15
 ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
 MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
 BASIC PHYSICAL EDUCATION REQUIREMENTS			6
 U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
 U.S. AND GEORGIA HISTORY REQUIREMENT			

MAJOR IN MUSIC EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDITS
English 101-102; or 105H	5-10	Mathematics 101, 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected:		Biology 101-102	
Fine Arts 252 or any appropriate course in the Modern Languages	5	Chemistry 101-102; or 121-122	
		Physics 101-102; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics.	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101		Courses from Music 100, 101, 102, 103	9
100-200 level History courses	5-15	Courses from Music 200, 201, 202, 203	9
Courses selected from the following:	0-10	Music 130, 230	12
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201			
Economics 151, 152			
MUSIC EDUCATION MAJOR			
Music 100, 101, 102, 103			12
Music 200, 201, 202, 203			12
Music 205			5
Music 221, 222, 223, 224 (three required)			6
Music 301, 302			6
Music 309, 310			5
Music 321, 322, 323 (two required)			4
Music 407			5
Music 417 or 418			2
Music 356, 357, 358			9
Music 130, 230, 330 (Applied Principle)			18
(Applied Secondary)			6
OTHER REQUIREMENTS: Art or Drama			5
COURSES IN THE MINOR			
A professional education sequence of Education 204, 305, 311e, 421e, 431e			35
OTHER REQUIREMENTS			
Physical Education 390 or 400 and 401 or 420, and Education 360			8-10
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

MINOR IN FINE ARTS

A minor in Fine Arts will require 25 hours with a concentration in either Art, Music, or Drama. A program of study will need the approval of the Head of the Fine Arts Department

Emphasis in Art:

Applied Art Courses	5-15
Art History	5-15
Music and Drama	5

Emphasis in Drama:

Theatre Studio	15
Applied Drama	3
Art and Music	7

Emphasis in Music:

Applied Music	4
Fundamentals and Theory	7
Music History	6
Art and Drama	8

COURSES IN FINE ARTS

ART

All 5 hour Studio Courses will meet two (2) periods per day, five (5) days per week.

101.	BASIC DRAWING I. Fundamentals of drawing.	5 hours
102.	BASIC DRAWING II. Fundamental drawing structure.	5 hours
103.	BASIC DESIGN I. Three dimensional organization.	5 hours
104.	BASIC DESIGN II. Two dimensional organization.	5 hours
105.	BASIC DESIGN III. Analysis of color problem.	5 hours
106.	BASIC MEDIA ANALYSIS I. Exploration of painting problems.	5 hours
107.	BASIC MEDIA ANALYSIS II. Exploration of craft design problems.	5 hours
150.	VISUAL ARTS SURVEY. Prehistoric through to Baroque.	5 hours
151.	VISUAL ARTS SURVEY. Baroque to Present.	5 hours

252.	FINE ARTS. Basic Principles of the Visual Arts and Music are exemplified in selected works from each of the disciplines.	5 hours
310.	DRAWING. Prerequisite: Art 101. Anatomical problems of drawing from natural or man-made objects.	5 hours
315.	PAINTING. Prerequisite: Art 106. Investigation of painting problems.	5 hours
320.	SCULPTURE. Prerequisite: Art 103. Organization of ideas and technical problems in sculpture.	5 hours
331.	ELEMENTARY SCHOOL ART. Art concepts directed toward the pre-school and elementary grade levels. Studio work will involve basic experimentation with art materials, teaching techniques, and art educational philosophy that can be applied to an elementary school and/or adult art program.	5 hours
332.	SECONDARY SCHOOL ART. Art concept directed toward the adolescent and adult age levels. Studio work will involve basic experimentation with art materials, teaching techniques, and art educational philosophy that can be applied to a secondary school and/or adult art program.	5 hours
340.	GRAPHICS. Organization of ideas and technical problems in printmaking	5 hours
345.	LETTERING. Communication problems of calligraphy and letter design.	5 hours
350.	CONTEMPORARY ART HISTORY. Contemporary art and its development.	5 hours
351.	AMERICAN ART HISTORY. The development of painting, sculpture, architecture, and crafts in the United States.	5 hours
360.	TEXTILE DESIGN. Prerequisite: Art 107. Organization of ideas and technical problems involved with the surface enrichment of fabrics.	5 hours
365.	WEAVING. Organization of ideas and technical problems involved with the construction of fabrics through weaving and knotting	5 hours
370.	POTTERY. Organization of ideas and technical problems in clay and pottery making.	5 hours
380.	PHOTOGRAPHY. Organization of ideas and technical problems of the photographic process	5 hours

410, 411, 412, 413, 414.	DRAWING. A sequence of directed studies in drawing.	5 hours
415, 416, 417, 418, 419.	PAINTING. A sequence of directed studies in painting	5 hours
420, 421, 422, 423, 424.	SCULPTURE. A sequence of directed studies in sculpture.	5 hours
430.	CLASSROOM PROBLEMS IN TEACHING ART. Supervised teaching of art with program planning, motivation, classroom leadership and criticism. Designed for classroom teachers.	3 hours
440, 441, 442, 443, 444.	GRAPHICS. A sequence of directed studies in printmaking.	5 hours
450.	NON-WESTERN ART HISTORY. An analysis of art monuments of Non-Western cultures.	5 hours
451.	RENAISSANCE ART HISTORY. An analysis of art monuments of the Renaissance.	5 hours
460, 461, 462, 463, 464.	TEXTILE DESIGN. A sequence of directed studies in textile design.	5 hours
465, 466, 467, 468, 469.	WEAVING. A sequence of directed studies in weaving and knotting.	5 hours
470, 471, 472, 473, 474.	POTTERY. A sequence of directed studies in pottery.	5 hours
480, 481, 482, 483.	PHOTOGRAPHY. A sequence of directed studies in photographic design and film design.	5 hours
490.	SEMINAR AND EXHIBITION. Taken by art majors in conjunction with a senior art exhibition and in addition to portfolio and art history proficiency requirements. Credit is given for participation in workshops, seminars, and criticisms.	1 hour
491.	PROBLEMS IN ART. Offered to seniors who wish to do special directed studies in art of an advanced nature. Permission from the Head of the Fine Arts Department is required	5 hours

MUSIC

100.	FUNDAMENTALS OF MUSIC. <i>Fall Quarter</i> An introduction to the rudimental aspects of musical understanding. terminology, motivation; concepts of scale, tonality, rhythm, and harmony	3 hours
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- 101. THEORY: ELEMENTARY. 4 hours**
Winter Quarter.
 An introduction to harmony through part-writing of triads, sight-singing and dictation are included.
- 102. THEORY: ELEMENTARY. 4 hours**
Spring Quarter.
 Continuation of 101. Triads in inversion and dominant seventh chords are treated through part-writing. Sight-singing and dictation are included
- 103. KEYBOARD HARMONY. 1 hour**
Spring Quarter.
 Prerequisite: Music 101. Simple harmony realized on the piano.
- 117. CLASS VOICE. 1 hour**
 Voice production and diction are studied through the use of unison and solo song material.
- 118. CLASS PIANO. 1 hour**
 A course designed for the student who has had no formal instruction in piano. Elementary piano music, technique, and music reading will be included
- *130. APPLIED MUSIC SERIES. 1 or 2 hours**
 Private instruction on the instruments listed below. A code letter for each instrument will follow the first three digits according to the instrument. These courses may be modified for one or two hour credits for all instruments:
- | | | |
|--------------|-----------------|--------------|
| A — Clarinet | I — French Horn | S — Trombone |
| C — Baritone | M — Percussion | V — Trumpet |
| E — Bassoon | O — Piano | W — Tuba |
| G — Flute | Q — Saxophone | Y — Voice |
- *190 a, b, c. CHORALE. 1 hour a quarter**
Fall, Winter, Spring Quarters.
 Open to all qualified students by audition. The College Chorus rehearses three hours per week and presents performances both on and off campus. Emphasis is placed on exploration of various styles of vocal music.
- *195 a, b, c. CONCERT BAND. 1 hour a quarter**
Fall, Winter, Spring Quarters.
 Membership in the concert band is open to all qualified students by audition. Balanced instrumentation is a factor in accepting new members each quarter. Symphonic band transcriptions and compositions for band will be included in the performance both on and off campus.
- 200. THEORY: INTERMEDIATE. 4 hours**
 Secondary dominant chords and inversions, sight-singing and dictation.
- 201. THEORY: INTERMEDIATE. 4 hours**
 Altered chords, sight-singing and dictation.

202.	THEORY: ADVANCED. Chromatic harmony, modulation and contemporary harmonic techniques	3 hours
203.	KEYBOARD HARMONY. Techniques for harmonic accompaniment and modulation.	1 hour
205.	MUSIC LITERATURE. <i>Spring Quarter.</i> An introduction to the history of music. Musical language, form, instrumentation, and expression are treated through lectures and the hearing of representative works.	5 hours
221.	PERCUSSION TECHNIQUES. Theory and practice in performance on the common percussion instruments.	2 hours
222.	WOODWIND INSTRUMENTS. Theory and practice in performance on the single and double reed instruments.	2 hours
223.	BRASSWIND INSTRUMENTS. Theory and practice in performance on the brasswind instruments.	2 hours
*230.	APPLIED MUSIC SERIES. A continuation of the Applied Music Series. These courses may be modified for one or two hour credits for all instruments.	1 or 2 hours
252.	FINE ARTS. <i>Winter Quarter.</i> An orientation to the disciplines of art and music through a systematic study of basic principle and exemplified in selected works. Basic principles for the analysis of musical forms.	5 hours
301.	FORM AND ANALYSIS. Basic principles for the analysis of musical forms.	3 hours
302.	COUNTERPOINT. The study and composition of Eighteenth Century contrapuntal genres.	3 hours
306.	MUSIC FOR THE ELEMENTARY GRADES. A course designed to develop in teachers an understanding of child growth through music. Music theory, materials, methods, and problems pertaining to the teaching of music in the elementary school are studied.	5 hours
309.	TEACHING AND SUPERVISION OF ELEMENTARY SCHOOL MUSIC. Consideration of the role of the music specialist in the elementary school.	3 hours
310.	INSTRUMENTAL MUSIC IN THE ELEMENTARY SCHOOL.	2 hours
311 e.	MUSIC EDUCATION CURRICULUM. (See COURSES IN EDUCATION)	5 hours

321.	CONDUCTING. Basic conducting techniques and score readings for choral and instrumental ensembles.	2 hours
322.	ADVANCED CONDUCTING. Specialized techniques for conducting instrumental music.	2 hours
323.	ADVANCED CONDUCTING. Specialized techniques for conducting choral music.	2 hours
*330.	APPLIED MUSIC SERIES. A continuation of the Applied Music Series. These courses may be modified for one or two hour credits for all instruments.	1 or 2 hours
356.	HISTORY OF MUSIC — TO 1600. A survey designed to acquaint the student with the literature within a historical perspective. Composers, styles, and media are studied.	3 hours
357.	HISTORY OF MUSIC — 1600 TO 1800. A continuation of Music 356.	3 hours
358.	HISTORY OF MUSIC — SINCE 1800. A continuation of Music 357.	3 hours
405.	MUSIC IN AMERICA. A historical survey of American music from colonial times to the present.	5 hours
417.	INSTRUMENTAL MUSIC IN THE HIGH SCHOOL. This course considers the organization and administration of instrumental performing groups commonly found in the high school.	2 hours
418.	CHORAL MUSIC IN THE HIGH SCHOOL. In this course consideration is given to the organization and administration of the choral program in the high school.	2 hours
421 e.	MATERIALS AND METHODS FOR MUSIC EDUCATION. (See COURSES IN EDUCATION)	5 hours
*430.	APPLIED MUSIC SERIES. A continuation of the Applied Music Series. These courses may be modified for one or two hour credits for all instruments.	1 or 2 hours
431 e.	STUDENT TEACHING IN MUSIC. (See COURSES IN EDUCATION)	15 hours

THEATRE AND SPEECH

101, 102, 103, 104.	APPLIED DRAMA. Assignments in the actual rehearsal, production and performance of plays.	1 hour
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NOTE: Students not majoring in music may earn up to twelve quarter hours in applied music: chorus, and/or band. However, no more than six of these hours may apply toward graduation requirements.

- 115. FUNDAMENTALS OF ACTING. 5 hours**
Speech and movement for the stage as well as basic interpretation.
- 120. PLAY PRODUCTION. 5 hours**
A survey of the combined elements of theatrical production.
- 150. THEATRE SURVEY. 5 hours**
A survey of theatre history from the past to the present.
- 211. SPEECH. 5 hours**
A course designed to help the speaker achieve a type of speaking which is natural, correct, and effective. Open to freshmen by permission only.
- 212. ARGUMENTATION AND DEBATE. 5 hours**
The theory and practice of argument as a form of communication. The study will include analysis of advertising, propaganda, and other forms of argumentative material and an introduction for formal debate.
- 213. CREATIVE SPEECH COMMUNICATIONS. 5 hours**
Innovative techniques and practical applications to achieve the effective communication of ideas. Permission of Instructor required.
- 215. INTERMEDIATE ACTING. 5 hours**
Prerequisite: Theatre 115 or admission by audition. A continuation of the study of acting with emphasis on characterization in the Theatre Studio.
- 220. ADVANCED PLAY PRODUCTION. 5 hours**
A continuation of Play Production 120 with special emphasis on play direction, visual design for the theatre, and problems of production.
- 315. ADVANCED ACTING. 5 hours**
Prerequisites: Theatre 115, Theatre 215, or admission by audition. A continuation of the study of acting with emphasis on the use of psychology by the actor to increase his skills in the Theatre Studio.
- 320. PLAY PRODUCTION III. 5 hours**
Prerequisites: Theatre 115, Theatre 220, or admission by Director. Continuation of Theatre 220 with emphasis on fundamentals of play directing and organization of administration and production staffs in the Theatre Studio.
- 330. CREATIVE DRAMATICS FOR TEACHERS. 5 hours**
Techniques which may be used by elementary and secondary school teachers to heighten and reinforce the learning process with emphasis on performance in relationship to language development.

JOURNALISM

- 100. NEWSPAPER WRITING. 1 hour**
This course covers the functions and operations of a college newspaper, concentrating on journalistic writing skills. Participation on the college newspaper is a requirement of the course. The course consists of one class hour of instruction per week and two hours of lab work in the evening twice monthly. May be retaken for credit.

DEPARTMENT OF MATHEMATICS

MAJOR IN MATHEMATICS

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102 or 113H; 151	7-12
English 203-204; or 205-206	10	Sciences: (one ten-hour sequence)	10
		Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 223-224; or 223-225	
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	French or German	10
History 101, 102; or 103	10	Mathematics 122 or 120	5
Psychology 101	5	Mathematics 245, 246 and 247	15

MATHEMATICS MAJOR	
*Math 245, 246, 247, 300, 360, 361, 410, 411, 415	45
COURSES IN THE MINOR	
Under the direction of the department head, the student will select a closely-related departmental minor.	minimum—20
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS: French, German or Russian recommended	15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

None of these courses may be taken as such unless the grade in each prerequisite course was C or better. Departmental majors are expected to maintain a B average in these courses.

MAJOR IN MATHEMATICS — SECONDARY EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102; or 113H, or 120	5-10
Two courses from English 203, 204, 205, 206 or 207	10	Mathematics 122 or 122H or 120; 151	7
		Sciences: A 10-hour sequence of courses in a Natural Science.	10
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	French or German	10
History 101-102	10	Mathematics 122, or 120 and 151	10
Psychology 101	5	Mathematics 245, 246 and 247	15
MATHEMATICS MAJOR			
In addition to the previously listed courses, each student is required to take: Mathematics 240, 312, 360, 361 and ten quarter hours of electives from: Math 250, 300, 410, 411, 415.			30
PROFESSIONAL EDUCATIONAL SEQUENCE			
Education 204, 305, 311c, 421c and 431c			35
OTHER REQUIREMENTS			
Physical Education 390 or 400 and 401 or 420			8-10
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

MINOR IN MATHEMATICS

A minor in mathematics consists of the following courses: 245, 246, 247,
and any two courses from the 300 or 400 level for a total of five courses
beyond the freshman level.

25

COURSES IN MATHEMATICS

101.	COLLEGE MATH I.	5 hours
	Sets and Subsets; the real number system; relations and functions; permu- tations and combinations and their application to probability and statistics.	

- 102. COLLEGE MATH II. 5 hours**
Sequences and the mathematics of finance, systems of linear algebraic equations; matrices, determinants, and inverses; inequalities and linear programming.
- 113 H. ALGEBRA AND TRIGONOMETRY FOR HONOR STUDENTS. 5 hours**
Fall Quarter.
Prerequisites: Qualifying score on the placement examination and high school Trigonometry. This course is designed for students whose preparation is such that a review of high school Algebra and Trigonometry is unnecessary. Topics in analytical trigonometry including graphs, identities, equations and complex numbers will be covered. Mathematical induction, the binomial theorem, inequalities, partial fractions, permutations, combinations, probability, and theory of equation will be the areas of emphasis in Algebra.
- 120. PRE-CALCULUS MATH. 5 hours**
Trigonometric functions of real numbers and their graphs; Analytical geometry, plane and solid; intuitive integration; intuitive differentiations; Hyperbolic functions.
- 122. PLANE ANALYTIC GEOMETRY. 5 hours**
Fall and Spring Quarters
Prerequisites: Math 101-102 or 113H. The analytic geometry of the line and of conic sections; rectangular and polar coordinates; simple transcendental curves and parametric equations.
- 122 H. ANALYTICAL GEOMETRY FOR HONOR STUDENTS. 5 hours**
Winter Quarter.
Prerequisite: Mathematics 113H. A study of the conic sections, higher plane curves, transcendental curves, rectangular and polar coordinates with an introduction to solid analytics.
- 151. COMPUTER PROGRAMMING. 2 hours**
Fall, Winter, Spring, and Summer Quarters.
Prerequisites: Ten hours of Math or Math 113H. Organization and characteristics of digital computers; description and use of programming language; development of algorithms and programs for elementary numerical problems.
- 240. PROBABILITY AND STATISTICS. 5 hours**
Winter and Spring Quarters.
A non-calculus introduction to randomness, central tendency, variance, Bayes and Chebyshev's Theorems, correlation and regression, binomial distributions.
- 245. DIFFERENTIAL CALCULUS. 5 hours**
Fall and Winter Quarters.
Prerequisite: Mathematics 120 or 122 and 151. Transcendental functions; the applications of derivatives to problems in maxima, minima, rates, and so on.
- 245 H. DIFFERENTIAL CALCULUS FOR HONOR STUDENTS. 5 hours**
Spring Quarter.
Prerequisite: Mathematics 122H. The limit concept and the usual treatment

of Mathematics 245 as stated above given in a more thorough manner from a more advanced point of view.

246. INTEGRAL CALCULUS. 5 hours

Winter and Spring Quarters.

Prerequisite: Mathematics 245. This course is a continuation of Mathematics 245 and includes curvature, theorem of mean value, indeterminate forms, formal integration, integration by various devices, and applications to areas, lengths, and volumes.

247. INTERMEDIATE CALCULUS. 5 hours

Spring Quarter.

Prerequisite: Mathematics 246. This course is a continuation of Mathematics 246 covering series, expansion of functions, hyperbolic functions, partial differentiation and multiple integrals.

249. INTRODUCTION TO FORTRAN. 2 hours

This course presents the elements of the Fortran Programming Language as implemented on the CDC 6400 and the UNIVAC 1108.

250. NUMERICAL ANALYSIS. 5 hours

Prerequisite: Math 246. Numerical solutions to problems in mathematics: roots of non-linear equations, zeros of polynomials, interpolation, systems of linear algebraic equations, quadrature, ordinary differential equations with analysis of methods and errors; programming of methods on computer.

252. COMPUTER SCIENCE. 5 hours

(On Demand.)

Prerequisite: Math 151. History of computers; internal representation and handling of numbers; Boolean algebra; computer organization and characteristics; input and output; supervisory (executive) systems; algorithms and flow charting; elements of machine language; a higher-level language.

300. DIFFERENTIAL EQUATIONS. 5 hours

Fall Quarter.

Prerequisite: Mathematics 246. Ordinary differential equations with applications to physics and mechanics.

***310. INTRODUCTION TO MODERN MATHEMATICS
FOR ELEMENTARY AND JUNIOR
HIGH TEACHERS I. 5 hours**

Spring and Summer Quarters.

Prerequisite: 10 hours of college mathematics or the consent of the Math Department upon the recommendation of the Education Department. A systematic development of the structure of the real number system from the concept of set through the systems of natural numbers, whole numbers, integers, and rational numbers designed to meet the Level I recommendations of the Committee on the Undergraduate's Program in Mathematics.

- *311. INTRODUCTION TO MODERN MATHEMATICS
FOR ELEMENTARY AND JUNIOR
HIGH TEACHERS II. (GEOMETRY) 5 hours**
Spring, Summer Quarters.
 Prerequisite: 10 hours of college mathematics or the consent of the Math Department upon the recommendation of the Education Department. A course designed to meet the Level 1 recommendations of the Committee on the Undergraduate's Program in Mathematics in the area of geometry.
- 312. GEOMETRY FOR TEACHERS. 5 hours**
Spring Quarter. Offered on alternate years. Offered in 1975.
 Designed to prepare the student to teach modern secondary-school geometry. Euclidean and non-Euclidean geometrics and a study of the secondary-school geometry curriculum and its materials.
- 360. INTRODUCTION TO MODERN ALGEBRA. 5 hours**
Winter Quarter.
 Prerequisite: Approval by Dept. Head. An introduction to the number system, groups, fields, matrices, and vectors.
- 361. MODERN ALGEBRA AND MATRIX THEORY. 5 hours**
Spring Quarter.
 Prerequisite: Math 360. An extension of the introductory course to more details and theory on topics such as Boolean Algebra, Groups, Matrices, Determinants, Fields, Rings and Ideals.
- 410. INTRODUCTION TO ANALYSIS. 5 hours**
Winter Quarter.
 Prerequisite: 10 hours of Math beyond Math 246. An introduction to the real and complex number systems, the basic notions on set theory, the limit concept and continuity, vector analysis, Fourier series and Fourier Integrals.
- 411. MATHEMATICAL ANALYSIS. 5 hours**
Spring Quarter.
 Prerequisite: Math 410. An extension of the introductory course to those topics normally covered in Advanced Calculus and in the theory of the functions of a real variable.
- 415. ELEMENTARY VECTOR ANALYSIS. 5 hours**
Fall Quarter.
 Prerequisite: Math 247 or the consent of the Department Head. The elements of vector algebra and vector calculus with some space generalizations.
- 490. INDEPENDENT STUDY. 1-5 hours**
 Independent reading and study under the direction of the staff of the department covering selected topics not normally discussed in major course work.

Note 310 and 311 are offered on alternate years

RELATED MATHEMATICS COURSES

215.

PLANE SURVEYING.

Spring Quarter

Prerequisite. Math 102. This course is designed to give the student a working knowledge of surveying instruments and their care and use. Other areas covered are: field work in chaining, leveling, compass, plane table and transit surveys; office work in calculation from field notes and plane table and transit surveys; and office work in calculation from field notes and map making. This course is given from text notes and library references and will conform to methods and forms in use in good engineering practice. Class meets for three hours of lecture and four hours of laboratory per week.

5 hours
350.

DESCRIPTIVE ASTRONOMY.

Winter, Spring, and Summer Quarters.

A general study of the celestial sphere and of introductory modern astronomy with some details of our solar system. The course includes laboratory telescope observations and planetarium demonstrations. Four hours of lectures and two hours of laboratory per week.

5 hours
301.

METEOROLOGY.

Winter Quarter.

A basic course designed to acquaint the student with the fundamental concepts of meteorology and its relation to other fields of interest. Mathematics will be used when it seems essential to the complete understanding of a concept. Included are such topics as air masses and fronts, cloud classification, precipitation mechanisms, weather observations, fundamental forecasting theories, and interpretation of weather charts and diagrams.

5 hours

DEPARTMENT OF MILITARY SCIENCE

GENERAL INFORMATION

Military Science courses conform to the subject requirements of the Senior Division Reserve Officer Training Corps (ROTC) program established by Department of the Army. The objectives of the ROTC program are to attract, motivate, and prepare selected students with high potential to serve as commissioned officers in the Regular Army or the US Army Reserve. In addition to providing courses required to earn a commission through the ROTC program, military science instruction has the aim for all students of developing leadership and managerial potential, providing an understanding of the requirements and organization for national security, and instilling a strong sense of personal integrity and individual responsibility.

Additional information concerning the total military program at North Georgia College is provided in the General Information Section of this catalog.

COURSE STRUCTURE

Military Science courses are grouped into basic course ROTC subjects and advanced course ROTC topics. The basic course is comprised of Military Science I (MS I) and MS II courses in the 100 and 200 series. The advanced course (MS III and MS IV) consists of 300 and 400 series courses. MS I and MS II courses meet two classroom hours per week; MS III and MS IV subjects require three classroom hours per week.

Leadership laboratory periods, an integral part of military science instruction in addition to the classroom work, are held one hour each week and on selected Saturday mornings for special training and applied leadership experience. Occasional ceremonies, consisting of Parades or Reviews, highlight the presentation of awards or the honoring of a distinguished guest.

COURSES IN MILITARY SCIENCE

COURSE REQUIREMENTS

All members of the Corps of Cadets must complete twelve courses in Military Science unless exempted for cause upon recommendation of the Professor of Military Science and approval by the Dean of the College. Students are required to enroll each quarter for the military science course appropriate to their progression toward completing degree requirements. Women students may enroll in ROTC courses.

FIRST YEAR — BASIC COURSE — MS I

100.

MILITARY ACTIVITIES.

1 hour

Fall Quarter.

An introductory course providing the student a general orientation on the purpose and objectives of the ROTC program and the Army organizational structure. Self-reliance and personal responsibilities are emphasized

through instruction in basic weaponry, marksmanship, and fundamental individual skills. Initial leadership training as a squad member is accomplished by practical exercise.

101. SEMINAR IN NATIONAL POLICY MAKING. 1 hour
Winter Quarter.

A comprehensive study of the role of Congress and National Security Council to include the organization, roles, and missions of the DOD and NSC. Leadership development is continual with emphasis on selected subjects on the Nature of War, Military-Industrial Complex, Nature of Alliances and other related topics.

102. LAND NAVIGATION AND ORIENTEERING. 1 hour
Spring Quarter.

A course designed to familiarize the student with the principles of map construction and to provide a thorough understanding of map and aerial photograph usage. Instruction includes military and topographic map symbols, reference systems, orientation, resection, intersection and overlays. Emphasis is placed on the ability to accomplish terrain evaluation by map and aerial photograph analysis. Also included is an introduction to the new team and individual sport of orienteering, along with several practice exercises outside the classroom.

SECOND YEAR — BASIC COURSE — MS II

200. SELECTED STUDIES IN CONFLICT I. 1 hour
Fall Quarter.

A survey of selected portions of military history through the 1850's to include major emphasis on the American Revolution and the Campaigns of Napoleon. Selected campaigns are studied to relate the principles of war to the tactics and strategy employed. Evolution of operational concepts, military organizational structure and technology are also surveyed. The leadership qualities displayed by major commanders are also evaluated relative to possible influence on success or failure of campaigns. An introduction to Methods of Instruction is taught concurrently. Students learn the process and procedures involved in planning, presenting and evaluating military instruction. An understanding of fundamentals is developed by examining the stages of instruction, speech techniques, use of training aids and evaluating of testing procedures. Students will prepare and present one manuscript lesson plan on assigned topics.

201. SELECTED STUDIES IN CONFLICT II. 1 hour
Winter Quarter

A continuation of selected portions of military history from the 1850's through World War I with primary emphasis on the American Civil War. Further studies of selected campaigns relative to the principles of war reinforce the overall importance of planning tactics and strategy to satisfy these principles. Evolution of concepts, organizational structure and technology continue to be traced with emphasis being placed on the changes necessitated in tactics and strategy as new systems evolve. The factors of national power and the concept of national objectives are introduced. Methods of Instruction continues to be taught concurrently with the Studies in Conflict. The practical application of teaching principles is emphasized by student preparation and presentation of an assigned subject. Students turn in a lesson plan and also critique another presentation. Assignment of a military history topic as a subject reinforces the Studies in Conflict.

- 202. SELECTED STUDIES IN CONFLICT III. 1 hour**
Spring Quarter.
A continuation of selected portions of military history from the 1920's to the present time with major emphasis on World War II and guerrilla warfare. Changes in concepts, organization and technology continue to be traced with resultant changes in tactics and strategy. The special considerations applicable to guerrilla warfare are stressed. The student gains a further appreciation of the magnitude and scope of total global warfare as opposed to small, isolated conflicts of a limited nature. Continual reinforcement of the fundamental importance of the principles of war is provided. Methods of Instruction continues to be taught concurrently with students again preparing a lesson plan and presenting a class on an assigned topic as well as critiquing another presentation. Assignment of relative topics reinforces the Selected Conflict Studies.

THIRD YEAR — ADVANCED COURSE — MS III

- 300. LEADERSHIP AND MANAGEMENT. 3 hours**
Fall Quarter.
A study of the responsibilities and basic qualities of a leader with emphasis on individual initiative. Theory and practical work are combined by developing principles and techniques through examination of individual and group leadership problems. Also included is discussion of the roles and missions of the various branches of the Army.
- 301. INTRODUCTION TO TACTICAL OPERATIONS. 3 hours**
Winter Quarter.
A study of the organization, missions, and capabilities of basic military teams through platoon level. The fundamentals of offensive and defensive operations, control measures, movement, communications, and troop leading procedures are discussed in detail. Emphasis is placed on developing a disciplined approach to the process of problem solving and on the ability to communicate decisions clearly and concisely.
- 302. THE MILITARY TEAM. 3 hours**
Spring Quarter.
A study of tactical operations at platoon and company level. The principles of war; fundamentals of offensive, defensive, and retrograde operations; and the organization, mission, and capabilities of the Army division are reviewed. This course is designed to teach the student the considerations in determining adequate combinations of combat, combat support, and combat service support to insure success in the various types of combat operations. The coordination and sequence of actions of the commander and various staff officers in planning these operations are emphasized. Map exercises are used as a teaching vehicle.

FOURTH YEAR — ADVANCED COURSE — MS IV

- 400. WORLD CHANGE AND MILITARY IMPLICATIONS. 3 hours**
Fall Quarter.
The contemporary world scene is evaluated in relation to potential impacts on leadership and management problems of the military services. Significant geographical areas are examined with respect to national and international power structures and interests. Particular problem areas are assigned for analysis, presentation, and discussion by student groups.

- 401. FUNCTIONS OF COMMAND AND STAFF. 3 hours**
Winter Quarter
A study of command and staff relationships, staff structure and functions, and the close correlation between military command and staff responsibilities in comparison with business management line and staff principles and relationships. The obligations, responsibilities, and relationships of Army Officers are examined with emphasis on leadership and management problems. Continued stress is placed on developing a disciplined approach to the process of problem solving and on the ability to communicate decisions clearly and concisely.
- 402. LEADERSHIP, MILITARY LAW AND ETHICS. 3 hours**
Spring Quarter
Analysis of selected leadership and management problems encountered in the operations of small and large military organizations. Army management procedures are examined and related to comparable procedures found in any well-managed business enterprise of a similar size. Specific areas studied include communications, administration, logistics and readiness. The course also includes a study of Military Law.
- 350/450. INDEPENDENT STUDY. 3 hours**
Prerequisite: Permission of PMS. A supervised research project under the supervision of an instructor. Study project may be selected by the student with approval of the instructor or may be directed. Subject areas will require independent research and analysis concerning military problems or historical examples of significance. May be taken in lieu of or in addition to other Military Science courses with permission of PMS.

DEPARTMENT OF MODERN LANGUAGES

MAJOR IN FRENCH

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	5-10	Mathematics 101-102, or 113H	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 101-102	10
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 110-111; or 223-224; or 223-225	
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	French	10-20
100-200 level History courses	5-15	German or Spanish	15-20
Courses selected from the following:	0-10	A course from the 100 or 200 level Anthropology, Economics, Political Science, Psychology	0-5
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201			
Economics 151, 152			

FRENCH MAJOR	
Courses from French 301, 302, 350, 410, 411, 412, 417, 418, 419, 495, 496, 497	30

COURSES IN THE MINOR	
Under the direction of the deparment head, the student will select a closely-related departmental minor.	minimum—20

ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

STUDY ABROAD: By arrangement of the University System of Georgia
Study Abroad Program, students who have attained Junior status may
spend from one quarter to one full academic year in France at the Uni-
versity of Dijon. All course work taken under this program is fully ac-
credited at North Georgia College.

MAJOR IN MODERN LANGUAGES — BUSINESS SKILLS

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	5-10	Mathematics 101-102, or 113H	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 101-102 Chemistry 101-102; or 121-122 Physics 101-102; or 110-111 or 223-224; or 223-225	10
 AREA III — SOCIAL SCIENCE		 AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	French, German, or Spanish	10-20
100-200 level History courses	5-10	Economics 152	5
Economics 151	5	Bus. Administration 206	5
A course selected from the following:		Courses from 100-200 level History, Political Science, Psychology	0-10
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201	5		
 COURSES IN FRENCH			
Courses from French 301, 302, 315, 350, 410, 411, 412, 417, 418, 419, 495, 496, 497			30
 COURSES IN BUSINESS SKILLS — SECRETARIAL SCIENCE			
Business Administration 216, 314, 315, 320, 321, 322, and one five-hour elective course approved by major and minor professor.			30
 ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			
STUDY ABROAD: By arrangement of the University System of Georgia Study Abroad Program, students who have attained Junior status may spend one quarter in France, Germany, or Spain. All course work taken under this program is fully accredited at North Georgia College.			

MAJOR IN FRENCH — SECONDARY EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	5-10	Mathematics 101-102, or 113H	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
		Biology 101-102	
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 110-111 or 223-224, or 223-225	
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	French	10-20
100-200 level History courses	5-15	German or Spanish	15-20
Courses selected from the following	10	A course from the 100 or 200 Level Anthropology, Economics, Political Science, Psychology	0-5
Anthropology 100			
Psychology 101, 205			
Sociology 100, 201			
Economics 151, 152			
COURSES IN THE MAJOR			
Courses from French 301, 302, 315, 350, 410, 411, 412, 417, 418, 419, 495, 496, 497			30
OTHER REQUIREMENTS			5
Fine Arts 252			
Physical Education 390 or 400 and 401 or 402			8-10
PROFESSIONAL EDUCATION SEQUENCE			
Education 204, 305, 311c, 421c, 431c			35
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS: French 211-212			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			
STUDY ABROAD: By arrangement of the University System of Georgia Study Abroad Program, students who have attained Junior status may spend from one quarter to one full academic year in France at the Uni- versity of Dijon. All course work taken under this program is fully ac- credited at North Georgia College.			

MINOR IN MODERN LANGUAGES

Available in French, German and Spanish. A minor consists of courses 211-212 plus three advanced courses in one language. Russian 301-302 may be taken in conjunction with other languages provided one 5-hour, 300-400 course is taken in another language.	25
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COURSES IN MODERN LANGUAGES

201. **INTRODUCTION TO LINGUISTICS.** 5 hours
Prerequisites: None. An introductory study of descriptive, comparative and historical linguistics. The origins and structure of language are examined, and a brief analysis is made of the various language families. The importance and function of language are stressed, and a brief introduction is given to the wider areas of geolinguistics and psycholinguistics.
202. **STRUCTURAL LINGUISTICS.** 5 hours
Prerequisite: Modern Languages 201 or permission of instructor. A study of modern structural approaches to language and their applications.

COURSES IN FRENCH

101. **ELEMENTARY FRENCH I.** 5 hours
An introduction to the French language covering basic grammar and reading, and using the language laboratory. Not credited for duplication of high school units.
102. **ELEMENTARY FRENCH II.** 5 hours
Prerequisite: French 101. A continuation of Elementary French I. Not credited for duplication of high school units.
211. **FRENCH GRAMMAR REVIEW.** 5 hours
Fall, Spring Quarters.
Prerequisite: French 102 or two years of High School French. Review of grammar with continued conversation and reading.
212. **FRENCH CONVERSATION AND READING.** 5 hours
Winter Quarter.
Prerequisite: French 211. Reading of standard texts with stress on oral expression and comprehension.
301. **SURVEY OF FRENCH LITERATURE AND CULTURE I.** 5 hours
Prerequisite: French 212 or permission of the Department. An introduction to the chief French authors through the Eighteenth Century. Instructional lectures and readings are provided on French customs and culture.
302. **SURVEY OF FRENCH LITERATURE AND CULTURE II.** 5 hours
Prerequisite: French 212 or permission of the Department. An introduction to the chief French authors of the Nineteenth and Twentieth Centuries with the reading of representative works. Instructional lectures and readings are provided on French customs and culture.
315. **ADVANCED CONVERSATION.** 5 hours
Prerequisite: French 212. Conducted entirely in French to facilitate the development of conversational abilities.
350. **FRENCH PHONETICS.** 5 hours
Prerequisite: French 212. An intensive study of pronunciation building fluent expression.

- 410, 411, 412. SELECTED READINGS IN FRENCH.** 2, 2, 2 hours
Prerequisite: Permission of Instructor.
- 417. SURVEY OF SEVENTEENTH CENTURY FRENCH LITERATURE.** 5 hours
Prerequisite: French 212.
- 418. SURVEY OF NINETEENTH CENTURY FRENCH LITERATURE.** 5 hours
Prerequisite: French 212.
- 419. CONTEMPORARY FRENCH LITERATURE.** 5 hours
Prerequisite: French 212.
- 495, 496, 497. STUDY ABROAD.** 15 hours
The study of the French language and culture in a native environment. Designed especially for students in the Study Abroad Programs of the University System of Georgia.

COURSES IN GERMAN

- 101. ELEMENTARY GERMAN I.** 5 hours
An introduction to the German language using the language laboratory and covering basic grammar and reading. Not credited for duplication of high school units.
- 102. ELEMENTARY GERMAN II.** 5 hours
Prerequisite: German 101. A continuation of Elementary German I. Not credited for duplication of high school units.
- 211. GERMAN GRAMMAR REVIEW.** 5 hours
Spring Quarter.
Prerequisite: German 102 or two years of High School German. Review of grammar with continued conversation and reading.
- 212. GERMAN CONVERSATION AND READING.** 5 hours
Fall Quarter.
Prerequisite: German 211. Reading of standard texts with stress on oral expression and comprehension.
- 301. SURVEY OF GERMAN LITERATURE AND CULTURE I.** 5 hours
Prerequisite: German 212 or permission of the Department. A general survey of German Literature through the classical period with lectures on German music, painting, architecture, and history.
- 302. SURVEY OF GERMAN LITERATURE AND CULTURE II.** 5 hours
Prerequisite: German 212 or permission of the Department. A general survey of German Literature of the Nineteenth Century with lectures on German music, painting, architecture, and history.
- 315. ADVANCED CONVERSATION AND COMPOSITION.** 5 hours
Fall Quarter.
Prerequisite: German 212. This course is taught in conjunction with German 212 to afford grammar review, but it requires additional composition and conversation on a more fluent level.

410, 411, 412. SELECTED READINGS IN GERMAN. 2, 2, 2 hours
Prerequisite: Permission of Instructor.

495, 496, 497. STUDY ABROAD. 15 hours
The study of the German language and culture in a native environment. Designed especially for students in the Study Abroad Programs of the University System of Georgia.

COURSES IN RUSSIAN

301. BASIC RUSSIAN. 5 hours
A rapid course in reading and basic conversation. Russian 301 is credited without completion of Russian 302, but it is a prerequisite to the second course.

302. BASIC RUSSIAN. 5 hours
Prerequisite: Russian 301.

COURSES IN SPANISH

101. ELEMENTARY SPANISH I. 5 hours
An introduction to Spanish, with basic conversation, reading and grammar, and using the language laboratory. Not credited for duplication of high school units.

102. ELEMENTARY SPANISH II. 5 hours
Prerequisite: Spanish 101. A continuation of Elementary Spanish I. Not credited for duplication of high school units.

211. SPANISH GRAMMAR REVIEW. 5 hours
Fall, Spring Quarters.
Prerequisite: Spanish 102 or two years of high school Spanish. Review of grammar with continued conversation and reading.

212. SPANISH CONVERSATION AND READING. 5 hours
Winter Quarter.
Prerequisite: Spanish 211. Reading of standard texts with stress on oral expression and comprehension.

301. SURVEY OF SPANISH LITERATURE AND CULTURE I. 5 hours
Prerequisite: Spanish 212 or permission of the Department. A general survey of Spanish literature through the Eighteenth Century with lectures on Spanish history, art, and architecture.

302. SURVEY OF SPANISH LITERATURE AND CULTURE II. 5 hours
Prerequisite: Spanish 212 or permission of the Department. A general survey of Nineteenth Century and Generation of 1898 literature with lectures on Spanish history, art, and architecture.

315. ADVANCED CONVERSATION. 5 hours
Prerequisite: Spanish 212. This course is taught in conjunction with Spanish 212 to afford grammar review, but it requires additional composition and conversation on a more fluent level.

410, 411, 412. SELECTED READINGS IN SPANISH. 2, 2, 2 hours
Prerequisite: Permission of Instructor.

495, 496, 497. STUDY ABROAD. 15 hours
The study of the Spanish language and culture in a native environment. Designed especially for students in the Study Abroad Programs of the University System of Georgia.

DEPARTMENT OF NURSING

The Nursing Program offers a program in basic nursing leading to the Associate in Science in Nursing Degree. The purpose of the program is to prepare men and women for careers as registered nurses. The graduates of the program are eligible to take the state board examination for registered nurses and to accept beginning positions as registered nurses. The program is approved by the Georgia Board of Nursing.

The program is designed to coordinate general academic and nursing courses. A total of 100 quarter hours of college credit is required. Academic and nursing courses are given on the North Georgia College campus. The clinical nursing experiences are selected at hospitals and other health agencies by the nursing faculty for the educational value to students. Members of the faculty supervise student clinical practice and conduct patient-center seminars.

The primary requirement for admission to the Department of Nursing is that the applicant meet the admission requirements for a regularly admitted student to the College.

Students from other nursing programs may be admitted to the Department of Nursing. In addition to meeting the requirements for a regularly admitted student to the College, the applicant may challenge nursing courses by requesting placement examinations. If the challenge is successful, credit will be given for the course. Prerequisite science and support courses must be completed for the course challenged before enrolling to the succeeding nursing courses.

Applicants who have been accepted by the College and are eligible to be admitted to the Nursing Program must have an interview with a member of the nursing faculty. In addition, they must send a copy of their certified birth certificate to the Director, Department of Nursing. Also, they need to have their dentist send a statement of dental health to the Department of Nursing.

Before the applicant is admitted to nursing courses, additional health information is required. This information includes a recent report of required immunizations, a copy of a recent chest x-ray, complete blood count, urinalysis and serology. This additional health information is sent directly to the Department of Nursing. Thereafter, a yearly physical examination, chest x-ray, complete blood count and urinalysis are required to continue in the Nursing Program. Any serious health problem must be corrected or controlled throughout the Program. The medical cost is to be assumed by the student.

After the applicant has been accepted into the Nursing Program, information about ordering uniforms, professional liability insurance and additional health information needed will be sent to applicants.

The cost of uniforms is approximately \$85 to \$90, excluding the cost of shoes, hose, scissors, and watch with second hand. Professional liability insurance is available and recommended. In addition, all nursing students must be prepared to pay for expenses incurred for learning experiences in off-campus clinical agencies. National League for Nursing Achievement Tests will be administered at the completion of each nursing course and some related academic courses. Students will pay the costs of these tests.

The student is required to maintain a 2.0 or better quality point average in each nursing course and a 2.0 or better quality point average in all other courses attempted at the College to progress through the Nursing Program. In addition to these requirements, the student must perform satisfactorily in all clinical areas. The

nursing faculty will observe and evaluate a student's suitability for nursing upon admission and during the program. If, in the opinion of the nursing faculty, the student does not exhibit appropriate demeanor, the student may be asked to withdraw from the nursing program.

ASSOCIATE OF SCIENCE DEGREE IN NURSING

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT
English 101, 102	5, 5
Psychology 101	5
Sociology 100	5
Political Science 101	5
Biology 250, 251, 280	5, 5, 5
Science Elective (Chemistry 101 or Physics 101)	5
Elective	5
COURSES IN NURSING SCIENCE*	
Nursing 100, 101, 102	3, 7, 7
Nursing 105, 110	5-7
Nursing 200, 201, 210, 211	3-7-7-7
Nursing 220	3
U.S. AND GEORGIA CONSTITUTION REQUIREMENTS	
U.S. AND GEORGIA HISTORY REQUIREMENTS	

These courses are subject to change

COURSES IN NURSING

- 100. NURSING I. GUIDED STUDY IN NURSING. 3 hours**
 Prerequisite: Biology 250 or Corequisites Biology 251 and Nursing 105 or by permission of the Director of Nursing Program. Independent study planned with students to meet their individual interests and needs. Designed to supplement or review First Year Nursing courses for transfer or re-entering students. Three lectures or two lectures and one, three-hour laboratory per week.
- 101. NURSING II. FUNDAMENTALS OF NURSING. 7 hours**
 Prerequisite or Corequisite: Biology 250. A course designed as an introduction to identifying and utilizing fundamental principles to meet the nursing needs of essentially well clients. Introduction to the use of communication, nursing process and selected cognitive, effective and psychomotor skills. Three lectures and four three-hour laboratories per week.
- 102. NURSING IV. FUNDAMENTALS OF NURSING. 7 hours**
 Prerequisites: Nursing 101 and Biology 250 and/or Corequisites Nursing 105 and Biology 251. An advanced course which explores in detail the identifying and utilizing of fundamental principles to meet the nursing needs of clients and families and the use of communication, nursing process and cognitive, effective and psychomotor skills. Three lectures and four, three-hour laboratories per week.

- 105. NURSING III. HUMAN NUTRITION. 5 hours**
Prerequisite: None. Study of the principles of human nutrition and their application in planning and evaluating dietaries for clients and families. Five lectures per week.
- 110. NURSING V. FAMILY AND CHILD HEALTH. 7 hours**
Prerequisite: Nursing 102. A course designed to study maternity and newborn nursing with emphasis on patient's needs, nurse-patient-family interaction and nursing intervention. Three lectures and four three-hour laboratories per week.
- 200. NURSING VI. GUIDED STUDY IN NURSING. 3 hours**
Prerequisite: Nursing 102 or by permission of Director of Nursing Program. Independent study planned with students to meet their individual interests and needs. Designed to review, Nursing 110, 201, or 210, for transfer or re-entering students. Three lectures or two lectures and one three-hour laboratory per week.
- 201. NURSING VII. NURSING IN COMMUNITY MENTAL HEALTH. 7 hours**
Prerequisite: Nursing 102. A study of nursing care in mental health and illness as related to client, family and community. Three lectures and four three-hour laboratories a week.
- 210. NURSING VIII. MEDICAL-SURGICAL NURSING. 7 hours**
Prerequisite: Nursing 102. Emphasis is placed on theory and application of principles of nursing care used in meeting common nursing needs of patients with medical and surgical conditions. Three lectures and four, three-hour laboratories per week.
- 211. NURSING VIII. MEDICAL-SURGICAL NURSING. 7 hours**
Prerequisite: Nursing 102. Continuation of Nursing 210 with emphasis placed on theory and application of nursing principles in caring for clients with complex nursing problems related to specific medical-surgical conditions. Three-hour lecture and four, three-hour laboratories per week.
- 220. NURSING IX. CONTEMPORARY NURSING. 3 hours**
Prerequisite: Nursing 102. A study of issues from historical and current viewpoints that affect nursing. Emphasis is placed on assisting the student in making the transition from student to graduate nurse. Three hours lecture or two hours lecture and one, three hour laboratory per week.

DEPARTMENT OF PHYSICAL EDUCATION

The College considers physical fitness vital to a completely satisfactory college life. Provisions are made to include the maximum number of students in the maximum number of activities throughout the entire year.

The basic P.E. program calls for two scheduled periods a week for all freshmen and sophomore students, and work is conducted by the Head of the Department of Physical Education and his assistants.

MAJOR IN PHYSICAL EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	10	Mathematics 101	5
Courses from English 203, 204, 205, 206, 207 or Fine Arts 252	10	Sciences: Biology 101-102 or 103 Chemistry 101 or 115 Physics 101 or 115	15
 AREA III — SOCIAL SCIENCE		 AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Physical Education 250 or Biology 250, Education 204, Speech 211,	
History 100	5	Physical Education 215, Psychology 205	
Psychology 101	5	or 258, Recreation 220, Physical Education 230	30
A course from History 101, 102, 103, 251, 252, 253	5		

PHYSICAL EDUCATION MAJOR

Activity Courses: P.E. 311 (gymnastics) and 3 courses from P.E. 300, 301, 307, 314, or 317. 8

Coaching Courses: P.E. 323 and 2 courses from P.E. 320, 321, 322, 325, or 327. 6

Other Required Courses: P.E. 323, 390, 405, 420, 440a, 440b, 450, 460, and 8 hours in Recreation, or other electives. 49

No grade below C will be acceptable on Physical Education courses presented to fulfill the requirements for a physical education major.

OTHER REQUIREMENTS:

Education 204, 305, 311c, 421c, 431c	35
Chemistry 101; or Physics 101	5
Special Education 360	5
Speech 211	5

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)

SKILL TESTING REQUIREMENTS — All physical education majors are ex-

pected to meet and maintain certain skill level requirements as periodically administered by the Department of Physical Education.

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SPECIAL NOTE: Physical Education Majors Club — All physical education majors are expected to be members of the Physical Education Majors Club and adhere to its policies for the upgrading of the profession.

MAJOR IN RECREATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	10	Mathematics 101 or 113H	5
English 203, 204, 205, 206, 207 or Fine Arts 252 (any two courses)	10	Biology 101-102, 103	15

AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Sociology 205 or 225	5
History 100	5	Psychology 101	5
Sociology 100	5	Speech 211	5
Economics 151	5	Physical Education 230	5
		Art 107	5
		Business Administration 206	5

RECREATION MAJOR

Recreation courses: 118, 203, 220, 383, 384, 385, 386, 387, 388, 410, 434a, 434b, 434c, 436. 56

P.E. Courses: 390, 314, 420 and (Any two of the following) 300, 301, 307, 311, 317. 16

OTHER REQUIRED COURSES:

Business Administration 420 5

Education 305 5

Psychology 315 or 320 5

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MINOR IN SOCIAL RECREATION

A minor in Social Recreation shall consist of P.E. 314, 390, Recreation 118, 203, 383, 384, 387, and 388.

MINOR IN OUTDOOR RECREATION

A minor in Outdoor Recreation shall consist of P.E. 390, Recreation 203, 384, 386, 387, 388, and 430.

COURSES IN PHYSICAL EDUCATION

REQUIRED PHYSICAL EDUCATION FOR WOMEN AND MEN

All students are required to take six different courses in basic physical education as a part of the requirements for graduation. Under this requirement, each student is required to take P.E. 103 (Personal Fitness) and P.E. 104 (Swimming) and four other electives.

BASIC PHYSICAL EDUCATION COURSES

103 Personal Fitness ✓	117 Archery
104 Swimming ✓	118 Golf
105 Wrestling	120 Weight Training ✓
106 Volleyball ✓	121 Snow Skiing
107 Tennis	122 Water Skiing
108 Soccer	124 White Water Canoeing and Rafting
109 Bowling	125 Casting and Angling
110 Fencing	126 Back Packing
111 Tumbling	129 Adapted Physical Education
112 Basketball	204 Senior Life Saving
113 Folk and Square Dancing	205 Water Safety Instruction ✓
114 Social Dance	210 Intermediate Fencing
115 Badminton ✓	213 Clogging
116 Softball	

- 215. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. 5 hours**
This is an orientation course for physical education majors and is divided into two parts. The first part deals with the history of physical education; the second part deals primarily with the basic principles of modern physical education, stressing aims and objectives with special reference to the value of physical education in the current economic and social life of the nation.
- 230. FIRST AID AND SAFETY IN PHYSICAL EDUCATION AND ATHLETICS. 5 hours**
Lectures and laboratory practices are given in the phases of first aid pertaining particularly to physical education and athletics
- 250. BASIC HUMAN ANATOMY. 5 hours**
A study of the basic structures and systems of the human body.

- 300. GOLF. 2 hours**
A course designed to improve the physical education majors background in teaching activity oriented programs.
- 301m. WEIGHT TRAINING. 2 hours**
A course designed to improve the physical education majors background in developmental programs of muscular strength, muscular endurance, and injury prevention.
- 307. TENNIS. 2 hours**
A course designed to improve the physical education majors background in teaching activity oriented programs.
- 311. GYMNASTICS AND TUMBLING. 2 hours**
A course designed to improve the physical education majors knowledge, understanding and teaching ability of all phases of gymnastics and tumbling for all age groups.
- 314. DANCE. 2 hours**
A course designed to improve the physical education majors background in teaching activity oriented programs.
- 317. ARCHERY. 2 hours**
A course designed to improve the physical education majors background in teaching activity oriented programs.
- 320m. WRESTLING. 3 hours**
This course is designed to prepare every male physical education major in the analysis and practice of the fundamental skills and teaching techniques of interscholastic and collegiate wrestling.
- 321m. FOOTBALL. 3 hours**
This course is designed to acquaint every male physical education major with a greater understanding of the total game of football through the use of lectures, practical-on-the-field experiences, films, and guest speakers.
- 322w. BASKETBALL. 3 hours**
A study and practice of the fundamental skills and teaching techniques in basketball.
- 322m. BASKETBALL. 3 hours**
Lectures and demonstrations will be given on the theory and practice of coaching basketball. Each student will have experience playing each position on the team under actual game conditions.
Practical experience will be obtained through directing this phase of the intramural sports program.
- 323. THEORIES OF COACHING. 3 hours**
This course is a study of theories and practices required by the future coach as he relates to dealing with the participant and public in both the school and community environment.
- 325. BASEBALL AND TRACK. 3 hours**
Lectures and demonstrations on the theory and practice of coaching baseball and track. The first half of the quarter will be devoted to baseball and the remainder to track.

- 327. TENNIS. 3 hours**
A study and practice of the fundamental skills and teaching techniques in tennis. Three hours per week of lecture and laboratory.
- 390. HEALTH EDUCATION. 5 hours**
A study of the physical and mental health problems of society as they relate to man and his confrontations with mental health, alcohol, disease, drugs, marriage, nutrition, physical fitness and sex.
- 400. SEX EDUCATION. 5 hours**
A study of the attitudes and standards of the physical, emotional and behavioral aspects of sex.
- 309. LIFE AND ACTIVITY. 1 hour**
Knowledges, attitudes and understandings of how physical activity shall be integrated and correlated into the life style of an individual.
- 405. ADMINISTRATION AND METHODS. 5 hours**
Prerequisite: P.E. 215. A study of the administrative processes and methodology needed to develop a thorough understanding of desirable standards and program implementation in physical education.
- 420. ELEMENTARY AND SECONDARY SCHOOL PHYSICAL EDUCATION. 5 hours**
A study and practicum in the objectives, needs, methods, and materials of elementary and secondary school children involved in a modern day physical education program.
- 440 a & b. PHYSICAL EDUCATION PRACTICUM. 2 hours**
The student is assigned to a specific instructional class or given an assignment within the school or community setting. Said assignment will enhance the professional growth of the physical education major.
- 450. EXERCISE PHYSIOLOGY. 5 hours**
Prerequisite: P.E. 250 or Biology 250. A combined study of the structure and function of the human body. Lecture and laboratory experience includes the study of the minute and gross anatomical and physiological structures of man as it relates to man living in the physical world of muscular activity.
- 460. KINESIOLOGY AND THERAPEUTICS. 5 hours**
Prerequisite: P.E. 250 or Biology 250. A study of the movements of the human body and their working relationship in normal and atypical individuals.

COURSES IN RECREATION

- 118. SOCIAL RECREATION. 3 hours**
Methods and materials in social recreation. Experience will be given in group planning and conducting social activities. Some laboratory experience will be required.
- 203. INTRODUCTION TO RECREATION AND PARKS. 3 hours**
Course covers history, trends, philosophy, social role of recreation in modern society, and professional opportunities in the field of recreation.

220. **SPORTS FOR RECREATION.** 5 hours
A course designed to familiarize the student with the type of sports that can be played throughout life. Includes both individual and team sports that can be played during leisure hours.
383. **RECREATION FOR SPECIAL GROUPS.** 3 hours
A course designed to give the student an understanding of the leisure needs of special groups in today's society, including therapeutic, youthful and adult offenders, alcoholic and drug addicts, socially disadvantaged, and recreation for the aging.
384. **COMPARATIVE AREAS OF RECREATION.** 3 hours
A course designed to familiarize the students with the wide variety of local agencies and settings which provide recreation services in a community including industrial, commercial, school, college unions, youth agencies, armed forces, religious organizations, and the family.
385. **PROBLEMS IN RECREATION.** 3 hours
The study of a variety of problems that the student may encounter when conducting recreation programs or in recreation and park administration.
386. **ADMINISTRATION OF CAMPING ACTIVITIES.** 3 hours
Course includes organization, administration, staffing, food service, and program planning for different types of camps. Includes techniques of camp leadership and camp counseling.
387. **ORGANIZATION AND ADMINISTRATION OF RECREATION.** 5 hours
A study of the organization and administration of various types of recreation departments and agencies. Special emphasis is given to legal provisions, organization, personnel, supervision, training, office management, financial management, budgeting, and public relations.
388. **PROGRAM PLANNING.** 5 hours
Course provides the student with knowledge of the organizational procedures involved in establishing and operating a comprehensive, full-time recreation program with emphasis on content and techniques of administration of programs. Consideration will be given to needs, facilities, supplies, equipment, activities, volunteers, age groups, program evaluation and recreation surveys.
410. **AREA AND FACILITY MANAGEMENT.** 5 hours
Course includes operation, maintenance, and planning of recreation areas and facilities. Consideration will be given to routine maintenance, construction, maintenance workers, contract work, master planning, space and facility standards, planning recreation areas and facilities, site selection, and comprehensive recreational surveys.
430. **OUTDOOR RECREATION.** 5 hours
Course covers the organization and administration of outdoor recreation in local, county, and federal agencies with emphasis on resources, economic impact, need, supply and demand, education and trends.
432. **SEMINAR IN RECREATION.** 1 hour
Prerequisite: Senior Class standing. A discussion of the current aspects of the field of recreation as a profession. Trends and problems which are of concern to graduating recreation majors.

- 434a,b,c. RECREATION PRACTICUM. 1,1,1 hour**
Prerequisite: Must have completed at least three quarters as a Recreation Major. The student is assigned to actual work experiences in three individual recreation agencies. Course is designed to link the relationship of theory to the practical aspects of recreation.
- 438. INDEPENDENT STUDY. 5 hours**
A course designed to allow students to individually pursue topics relating to recreation under the guidance of a faculty member.
- 485. INTERNSHIP IN RECREATION AND PARKS. 15 hours**
Prerequisite: Senior Class standing. The recreation major spends an entire quarter working full-time in a cooperating agency with a competent, supervising recreation professional.

DEPARTMENT OF PHYSICS

MAJOR IN PHYSICS

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 120	5
Courses from English 203, 204, 205, 206, 207	5-10	Physics 223, 224, 225	15
Fine Arts 252, French 101, German 101 if only one of above is selected	0-5		
 AREA III — SOCIAL SCIENCE		 AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Physics 230, 240	10
100-200 level courses in History	5-15	Mathematics 245, 246	10
A course from Anthropology 100, Economics 151, 152, Psychology 101, 205, or Sociology 100, 205	0-10	Chemistry 121, 122	10

PHYSICS MAJOR

Physics 230*, 240*, 310*, Labs 375*, 376*, 377*, 475, 476, 477, 320*, 340*, 400, 410*, 420, 440, 450, 480, 490, 491	40-73
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OTHER REQUIREMENTS:

Mathematics 300	5
Foreign Language (French or German)	15

COURSES IN THE MINOR

The traditional minor for a Physics major is Mathematics. However, a minor field of concentration can be elected by the student with the consent of both the major and minor professors.	minimum — 20
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ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN PHYSICS — SECONDARY EDUCATION

(For Core Curriculum Requirements see above)

COURSES IN THE MAJOR

Physics 310, 320, 340, 375, 376, 377, 410, plus seven hours of approved electives in Physics.	30
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Required Courses

OTHER REQUIREMENTS	
Mathematics 122, 245, 246 and 300	20
Physical Education 390 or 400 and 309	6-10
PROFESSIONAL EDUCATION SEQUENCE	
Education 204, 305, 311c, 421c and 431c	35
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

DUAL DEGREE PROGRAM — PHYSICS

A Dual Degree Program is offered by North Georgia College in cooperation with Georgia Tech. The program offers the student the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech for an additional two years.

After completing the academic requirements of the two cooperating institutions, the student shall be awarded a bachelor's degree from North Georgia College and one of several designated bachelor's degrees from the Georgia Institute of Technology.

Dual Degree candidates from North Georgia College who work toward a B.S. in Physics are eligible to seek any of the following degrees at Georgia Tech:

- Bachelor of Aerospace Engineering
- Bachelor of Ceramic Engineering
- Bachelor of Civil Engineering
- Bachelor of Electrical Engineering
- Bachelor of Engineering Science
- Bachelor of Industrial Engineering
- Bachelor of Mechanical Engineering
- Bachelor of Textile Engineering

DUAL DEGREE REQUIREMENTS:

1. Complete 140 quarter hours at North Georgia College as outlined below (exclusive of basic military for cadets and P.E.)
2. A recommendation from the Academic Dean of North Georgia College
3. A college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
4. Complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours at North Georgia College, he may petition that these excess hours be used as transfer credits to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

SPECIAL PROVISION FOR GRADUATE STUDY UNDER THE DUAL DEGREE AGREEMENT

- 1. The two colleges may extend permission for highly qualified, specially selected undergraduates from North Georgia College to enter Georgia Tech at the end of three or more years of undergraduate study with the intent that the degree being sought at Georgia Tech shall be at the master's level.
- 2. The specially selected individuals shall complete enough undergraduate course work to meet the graduation requirements of North Georgia College. (See footnote ** below.)
- 3. The specially selected individuals shall complete a minimum of 50 hours of graduate work at Georgia Tech.
- 4. Application for admission to the Graduate Division at Georgia Tech will be made during the first year in residence at Georgia Tech with admission requirements being based on the usual recognized standards.

CORE CURRICULUM REQUIREMENTS — DUAL DEGREE PROGRAM

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCES	HOURS CREDIT
English 101, 102, or 105H	5-10	Mathematics 120	5
English 203, 204, 205, 206, 207	5-10	Sciences:	
Modern language	0-5	Chemistry 121, 122	10
		Physics 223	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Political Science 101	5	Physics 223, 224, 225, 230	15
Course at 100-200 level in History	5-15	Mathematics 122, 245, 246, 247	15
Courses from Psychology 101, 205, Sociology 100, Anthropology 100, or Economics 151, 152	0-10		

*History 100 requirement may be satisfied by successfully passing an examination on United States and Georgia history administered by the Social Science Department

The 140 hours at North Georgia College must include Physics 223, 224, 225, Math 245, 246, 247, 300: Physics 230, 240, 310, 320, 375, 376, 377, and Military 300, 301, 302 for cadets

MINOR IN PHYSICS

Physics 223, 224, 225, plus a 5 hour elective in Physics excluding Physics 300 20

COURSES IN PHYSICS

101. HEALTH PHYSICS I. 5 hours
Four lecture/demonstration periods and two hours of laboratory per week. The course includes a study of mechanics, electricity, and electronics, behavior of fluids, heat and thermometry, radiation, medical acoustics, medical optics, medical instrumentation, and safety. An independent study program is available upon request.

- 102. HEALTH PHYSICS II.** **5 hours**
Taught on demand.
 Prerequisite: Physics 101. A continuation of the nature of Physics 101 for those who wish to carry the same type of survey work further into a more complete treatment of electricity, electronics, and radiological health physics.
- 115-116. UNDERSTANDING THE PHYSICAL WORLD.** **5, 5 hours**
 A nonquantitative two course sequence designed to promote an understanding of the physical world for the non-science major. Natural phenomena as well as the effects of man's technology on the physical environment will be brought into focus by means of numerous demonstrations, laboratory exercises, and field trips. Relevant topics will be selected from Astronomy, Chemistry, Environmental Science, Geology, and Physics. Credit will be extended for either course separately or for both as a two quarter laboratory sequence.
- 223. MECHANICS.** **5 hours**
 A study of the properties of matter, and the mechanics of solids and fluids. The numerous problems solved are selected to emphasize fundamental principles as well as to promote skill in numerical solutions. The laboratory work is designed to clarify physical concepts, develop skills in making precise measurements, and proficiency in the manipulation of apparatus. Four lecture-recitations and one, two-hour laboratory per week.
- 224. ELECTRICITY.** **5 hours**
Winter Quarter.
 Prerequisite: Physics 223. This course is a continuation of general physics. It deals with magnetism and static and current electricity. Four lecture-demonstrations and one, two-hour laboratory period per week.
- 225. HEAT, LIGHT, AND SOUND.** **5 hours**
Spring Quarter.
 Prerequisite: Physics 223. This course is a continuation of general physics. It deals with wave theories generally, and heat, light, and sound specifically. Four lecture-recitations and one, two-hour laboratory period per week.
- 230. MECHANICS — INTERMEDIATE.** **5 hours**
Fall Quarter.
 Prerequisite: Physics 223. May be taken concurrently with Mathematics 245. This course deals with the effects of forces on rigid bodies in equilibrium and on objects in motion. Emphasis is placed on solution of problems.
- 240. ELECTRICITY AND MAGNETISM — INTERMEDIATE.** **5 hours**
Winter Quarter.
 Prerequisite: Physics 230. May be taken concurrently with Mathematics 246. This course deals with the interaction of charged particles through electric and magnetic fields. Conservation principles presented in Physics 230 are emphasized.
- 300. FLIGHT INSTRUCTION*.** **5 hours**
 Introduction to the principles of flying in a small, fixed-wing aircraft. The student learns the principles of navigation, map and compass reading. Take-offs and landings, and will accrue several hours of solo flying. Special fees for students accepted for R.O.T.C. Flight Instruction Program will be

* This course cannot be used to fulfill physics major or minor requirements.

paid by the U.S. Army. Students not enrolled in the R.O.T.C. Flight Instruction Program will be required to pay special flight instruction fees.

- 310. MODERN PHYSICS. 5 hours**
Spring Quarter.
Prerequisites: Physics 224 and 225. May be taken concurrently with Math 247. An introduction to modern physics, dealing with the elemental nature of matter and radiation, ionization of gases, the quantum theory, and current developments in atomic physics.
- 320. MECHANICS — ANALYTICAL. 5 hours**
Prerequisite: Physics 230. May be taken concurrently with Math 300. Kinematics, using vector analysis, dynamics of particles, rotation and planetary motion, the linear harmonic oscillator, studies of energy, momentum and impact, approximation and perturbation methods, plus an introduction to the most general methods of solving dynamical problems.
- 340. ELECTRONICS I. 5 hours**
Prerequisites: Physics 224. A study of the elementary principles of electronics. The laboratory work consists of the study of digital and analogue electronic circuits and the use of testing equipment. Four lecture-recitations and one two-hour laboratory per week.
- 375, 376, 377. PHYSICS LABORATORY I. 1, 1, 1 hour**
Fall, Winter, and Spring Quarters.
Required of third-year students majoring in physics. Selected experiments from the various branches of physics, clarifying and expanding the work of the classroom, and developing good laboratory techniques. The evaluation and the interpretation of experimental data.
- 400. THERMODYNAMICS. 5 hours**
Prerequisites: Physics 225 and Math. 300. A study of temperature and its measurement, calorimetry, and some topics from thermodynamics and statistical mechanics. Five lecture-recitations per week.
- 410. ELECTRICITY AND MAGNETISM I. 5 hours**
Prerequisite: Physics 240. With consent of Instructor, may be taken concurrently with Math. 300. A course considering in somewhat more advanced manner the topics of electrostatics, magnetostatics, electrolysis, basic circuit theory, and related topics.
- 420. ELECTRICITY AND MAGNETISM II. 5 hours**
Prerequisite: Physics 410. This course is a continuation of Physics 410 with emphasis on electrodynamics, alternating current theory, transmission lines, filters, electromagnetic wave theory and related topics.
- 440. NUCLEAR PHYSICS. 5 hours**
Taught on demand.
Prerequisite: Physics 320 or 310. A study of natural radioactivity, interaction of radiation with matter, radiation measuring instruments and the detection of nuclear particles, plus a survey of the current state of experimental and theoretical nuclear physics.
- 450. QUANTUM MECHANICS. 5 hours**
Prerequisites: Physics 310 or 320, Math 300. Introduction to the quantum mechanics of one-dimensional systems. An introduction to Schrodinger's equation with emphasis being placed on solutions for one-electron atoms.

- 475, 476, 477. PHYSICS LABORATORY II.** **1, 1, 1 hour**
A continuation of Physics Laboratory I.
- 480. PHYSICS LABORATORY RADIOISOTOPES.** **2 hours**
A laboratory course for students who wish to study the basic techniques of handling radioisotopes and some of the properties of these materials. Open to juniors and seniors who have a background of science courses.
- 490, 491, 492. INTRODUCTION TO RESEARCH METHODS.** **5, 5, 5 hours**
This course is designed to prepare the student for employment as a research assistant, or engineer, upon completion of B.S. Degree. It will also orient the student toward the research work required for an advanced degree. It will consist of two or three lectures and demonstrations per week with laboratory work. The lectures will include the various research techniques, theory of errors, analysis of experimental data, use of library sources, and report writing. The student will be required to use library sources and to perform various experiments. The student will also be required to report his work by class talks and written reports.

DEPARTMENT OF PSYCHOLOGY

MAJOR IN PSYCHOLOGY — PROFESSIONAL

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101; or 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences:	
Fine Arts 252, if only one of the above is selected, or any appropriate course in the Modern Languages	5	Biology 101-102	10
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5

AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Psychology 101	5
100-200 level courses in History	5-15	Courses from Humanities, Mathematics, Natural Sciences, or Social Sciences at the 100-200 level	25
Courses from Anthropology 100, Economics 151, 152, or Sociology 100, 205	0-10		

PROFESSIONAL MAJOR IN PSYCHOLOGY

If a student pursues a professional curriculum major, it is assumed that the student desires to continue his academic work at the graduate level and become a professional psychologist, earning either a Master's Degree, a Ph.D., or both. This curriculum is designed to prepare the student for these objectives.

Psychology 205, 299, 300, 310, 333, 423, 453	35
Electives from the Psychology curriculum with approval of advisor	10
Biology 320	5

COURSES IN THE MINOR

Under the direction of the department head, the student will select a departmental minor. minimum — 20

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN APPLIED PSYCHOLOGY

The applied psychology curriculum is designed for those students who wish to study psychology, but who will probably not pursue

psychology as a profession. Such students might feel that psychology would contribute toward a related career. The student may be interested in a career in industry in the area of personnel and counseling, a career in social service — working with the mentally retarded, drug addict, alcoholic, delinquent, neurotic, psychotic, etc., primarily under the direction of a professional Psychologist or Psychiatrist. Although high scholarship is to be sought, the non-professional curriculum is somewhat less demanding in breadth of courses in psychology than the professional curriculum.

(For Core Curriculum Requirements see above)

Psychology 258 or 417, 299, 300, 333, 420, 433a, 433b, 453, 454, 463	45
If the student plans to use his major in an industrial setting, particularly in the area of industrial counseling or personnel, he should take: Psychology 320, 321 and 322	15
If the student plans to work with the mentally retarded, in mental health centers, in rehabilitation (drug addicts, alcoholics, delinquents, etc.) centers, in hospitals, or be engaged in some other type of social work, he should in addition to the above: take: Psychology 301 or 302 or 305, 430, 443.	15

COURSES IN THE MINOR

For the student who plans to work in recreation with the mentally retarded, or in rehabilitation centers, etc., a minor in Recreation is recommended; otherwise, he should minor in Sociology.
For the student who plans to pursue a career in industry, a minor in Economics is recommended.

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

SECONDARY TEACHER EDUCATION
IN BEHAVIORAL SCIENCE — PSYCHOLOGY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101; or 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: Biology 101-102	10
Fine Arts 252 if only one of the above is selected; or any appropriate course in the Modern Languages	5	A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5

AREA III — SOCIAL SCIENCE

Political Science 101	5
100-200 level courses in History	5-15
Economics 151, 152	0-10

AREA IV — COURSES APPROPRIATE TO MAJOR FIELD

Psychology 101, 205, 299	15
Sociology 100, 205	10
Anthropology 100	5

PSYCHOLOGY MAJOR (SECONDARY EDUCATION)

Psychology 300, 315, 343, 420, electives in Psychology	30
Anthropology (one 5 hour course above Anthropology 100)	5

PROFESSIONAL EDUCATION SEQUENCE

A total of 35 hours of professional training in Education is needed to meet certification requirement. These courses are:

Education 204, 305, 311c, 421c, and 431c	35
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OTHER REQUIREMENTS

Physical Education 390 or 400 and 401 or 420	8-10
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ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

ADDITIONAL REQUIREMENTS

No grade below C will be acceptable on any Psychology course presented to fulfill the requirements for a Psychology major. Either, but not both, Psychology 301 or 302 may be included in the major or minor. Either, but not both, Psychology 258 or 417 may be included in the major or minor.

The Advanced Psychology Section of the Graduate Record Examination is required of all majors in Psychology.

MINOR IN PSYCHOLOGY

Psychology 101 plus 20 hours elected from the Psychology curriculum.	25
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**COURSES IN PSYCHOLOGY/
PHILOSOPHY**

COURSES IN PSYCHOLOGY

101.	INTRODUCTION TO PSYCHOLOGY.	5 hours
	Must precede other psychology courses except Psychology 258 and Psychology 320; it is recommended, but not required, for these courses. A study of human and animal behavior, including an introduction to the scientific method as used in the study of motivation, emotion, learning, individual differences (including an introduction to psychological measurement and testing), development of personality, behavior disorders and therapy, and social influences on behavior.	

205. ✓ **ADVANCED GENERAL PSYCHOLOGY.** 5 hours
A study of the history of psychology, perception, sensation, complex learning, the nervous system, with particular emphasis on the brain and behavior, genetics, and advanced psychological measurement and testing.
258. **PSYCHOLOGY OF ADJUSTMENT.** 5 hours
Psychology 101 is recommended but not required as a prerequisite. A course in mental hygiene, dealing with the appropriate and inappropriate reactions to frustration and stress and the resolution of conflicts, fears, and anxieties. The course is oriented to the student and his adjustment.
299. **INTRODUCTION TO STATISTICS FOR THE BEHAVIORAL SCIENCES.** 5 hours
A study of basic descriptive and inferential statistics with particular emphasis on analysis of various techniques and the fundamentals of research design.
300. **EXPERIMENTAL PSYCHOLOGY.** 5 hours
Prerequisite: Psy. 299. This course is designed to introduce students to experimental methods as applied to behavior. Some basic standard tools will be presented. Students will learn design of elementary experiments. Laboratory time will be spent implementing simple procedures.
301. **CHILD DEVELOPMENT.** 5 hours
A study of the roles played by maturation and experience in the social, emotional, moral, and physical development of children from the prenatal period to adolescence. Observation of children in public school required for two hours weekly.
302. **PSYCHOLOGY OF ADOLESCENCE.** 5 hours
A study of the physical, social, and cognitive adolescent with emphasis on the problems of transition to adulthood.
305. **EDUCATIONAL PSYCHOLOGY.** 5 hours
Emphasis on learning, its nature, motivation, retention, appraisal, transfer, and application. Adjustment of educational practices to individual differences in abilities and interests among pupils will be considered. Some observation in teaching-learning situations will be done.
309. **HISTORY AND SYSTEMS.** 5 hours
An integrative course emphasizing the origins and background of the science of behavior. Important contributors and their schools of thought will be studied. Relating these schools of thought to present systematic developments in psychology will be emphasized.
315. **SOCIAL PSYCHOLOGY.** 5 hours
A theoretical and empirical study of social relationships and their effects on individuals. Behavior in small group settings will be emphasized.
320. **PSYCHOLOGY OF LEADERSHIP.** 5 hours
Psychology 101 is recommended but not required as a prerequisite. The characteristics of an effective leader will be studied and analyzed employing both a theoretical and an applied approach.

321. **APPLIED PSYCHOLOGY.** 5 hours
A survey of the principles of psychology as applied to social, business, industrial, governmental, educational, military and other professional fields.
322. **INDUSTRIAL PSYCHOLOGY.** 5 hours
The application of psychological principles to human problems in industry, including areas of personnel selection and appraisal, motivation and work, leadership and human performance.
325. **INTRODUCTION TO GERONTOLOGY.** 5 hours
An interdisciplinary approach to the study of the process of aging.
331. **PSYCHOLOGY OF LEARNING.** 5 hours
An empirical and theoretical study of classical, instrumental and operant conditioning, reinforcement, discrimination learning, extinction, verbal learning, and other phenomena.
335. **FUNDAMENTALS OF BEHAVIOR MODIFICATION.** 5 hours
Prerequisite: 333. Selected behavior modification techniques including experimental analysis, successive approximation and other operant techniques, counterconditioning, reciprocal inhibition, and others as applied to learning problems, mild behavioral disturbances, and mild cases of retardation.
343. **THEORIES OF PERSONALITY.** 5 hours
A critical evaluation of the major theories of personality and a survey of research on major personality variables comprise this course.
- 410, 411, 412. **PSYCHOLOGICAL READING AND RESEARCH.** 2, 2, 2 hours
Prerequisite: permission of Instructor.
417. **MENTAL HYGIENE.** 5 hours
An advanced course dealing with mental hygiene problems, especially of children and adolescents; problems of different stages of maturation adjustments in the home, school and play groups; and special needs in cases of retardation and delinquency.
419. **PSYCHOMETRICS.** 5 hours
An introduction to theories and practices of psychological measurement. The characteristics and uses of specific maximum and minimum performance assessment devices will be included.
423. **PHYSIOLOGICAL PSYCHOLOGY.** 5 hours
Prerequisite: 10 hours Biology. Personality is viewed as the integration of the morphology, physiological and psychological aspects of the organism. The relationship between the internal environment and such behaviors as food intake control, mating behavior, neural action, emotion, etc., will be considered.
425. **SENSATION AND PERCEPTION.** 5 hours
A study of sensory systems emphasizing behavioral significance of structure and physiology.
428. **COMPARATIVE BEHAVIOR.** 5 hours
A treatment of evolutionary trends in behavior including neural and hormonal mechanisms, with emphasis on physiology and function.

- 430. PSYCHOLOGY OF THE DISADVANTAGED. 5 hours**
The effects of severe cultural deprivation — economic, social, education — on the psychological growth and development of an individual, in both rural and urban settings will be studied
- 433 a. INDIVIDUAL PSYCHOLOGICAL TESTING: WECHSLER SCALES. 3 hours**
Prerequisite: Psy. 420 or consent of Instructor. Training in the administration, scoring and interpretation of the Wechsler Scales. A minimum competency in the use of these scales for both children and adults is required, but the major part of the practical work may be in the age range selected by the student.
- 433 b. INDIVIDUAL PSYCHOLOGICAL TESTING: STANFORD-BINET SCALES. 2 hours**
Prerequisite: Psychology 420 or consent of Instructor. Training in the administration, scoring and interpretation of the Stanford-Binet Scales. A minimum competency in the use of these scales for both children and adults is required, but the major part of the practical work may be in the age range selected by the student.
- 444. PSYCHOLOGY OF THE MENTALLY RETARDED. 5 hours**
A theoretical and empirical study of the mentally retarded individual, emphasizing etiology, classification and characteristics and treatment.
- 453. ABNORMAL PSYCHOLOGY I. 5 hours**
This course involves the study of the historical perspectives of abnormal behavior, the various psychosocial models used to understand behavior as well as the study of personality development and adjustment. The major emphasis of the course will be a thorough investigation — involving the causes, dynamics, and treatment — of the following forms of abnormal behavior: transient situational disorders, neuroses, schizophrenia and paranoia, major affective disorders and suicide, sociopathic disorders, delinquency and crime, alcoholism and drug dependence.
- 454. ABNORMAL PSYCHOLOGY II. 5 hours**
This course deals with the causes, dynamics and treatment of the following forms of abnormal behavior: sexual deviations, psychosomatic disorders, organic brain syndromes, mental retardation, behavior disorders of childhood, maladaptive behavior of groups. Special emphasis will be given to contemporary approaches to therapy.
- 463. PSYCHOLOGICAL COUNSELING AND PSYCHOTHERAPY. 5 hours**
Prerequisites: Psy. 453 and two additional psychology courses. A study of the various methods employed in counseling and psychotherapy. These methods will be interpreted as they are applied in the treatment of both the "disturbed" and the "normal" individual.
- 470 a,b,c. APPLIED PSYCHOLOGY PRACTICUM. 5, 5, 5 hours**
Practical experience in the area of student's major interest under the supervision of and approved by the Psychology Department.

COURSE IN PHILOSOPHY

208.

INTRODUCTION TO PHILOSOPHY.

5 hours

The primary purpose for a combination logic-philosophy course is to introduce classic concepts regarding rational thought and to examine a variety of philosophical viewpoints as they apply to questions of the mind-body problem, existence of God, and moral and ethical issues.

No grade below C will be acceptable on any Psychology course presented to fulfill the requirements for a Psychology major. Either, but not both, Psychology 301 or 302 may be included in the major or minor. Either, but not both, Psychology 258 or 417 may be included in the major or minor.

DEPARTMENT OF SOCIAL SCIENCES

MAJOR IN CRIMINAL JUSTICE

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES		HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105		5-10	Mathematics 101	5
English 203, 204, 205, 206, 207		10-15	Sciences: (one ten-hour sequence)	10
			Biology 101-102, 103 (any two)	
			Chemistry 101-102	
			Physics 101, 102, 110 (any two) or 115, 116	
			One five-hour course from the following: Mathematics 102, or a 100 or 200 level course from Biology, Chemistry or Physics	5
AREA III — SOCIAL SCIENCE			AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	
Psychology 101		5	Criminal Justice 201, 202, 203	15
Political Science 101		5	Speech 211	5
Sociology 101, 201		5	Sociology 205, 225, 250, 216, History 253, Psychology 205, 258, 299	10
History 100		5		

COURSES REQUIRED OF CRIMINAL JUSTICE MAJORS

Criminal Justice 305, 310, 315, 320, 321, 322, 412, 430	40
Criminal Justice 485 or 490	5
Psychology 302, 453	10
Social Work 315, 317	10
One course from the following:	
Criminal Justice 340, 400, 410, 420, 440, 450	5
One course from the following:	
Psychology 315, 320, 335, 417, 430, 443, 463	5
One course from the following:	
Political Science 305, 306, 404, 454, 468	5
One course from the following:	
Sociology 301, 302; Social Work 400, 401, 403	5
One course from the following:	
History 353, 403	5
Physical Education 390	5

ELECTIVES

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN CRIMINAL JUSTICE (with concentration in Criminal Justice Administration)

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102, or 105	5-10	Mathematics 101	5
English 203, 204, 205, 206, 207	10-15	Sciences: (one ten-hour sequence)	10
		Biology 101-102, 103 (or any two)	
		Chemistry 101-102	
		Physics 101, 102, 110 (any two) or 115, 116	
		One five-hour course from the following: Math. 102, or a 100 or 200 level course from Biology, Chemistry or Physics	5
 AREA III — SOCIAL SCIENCES		 AREA IV — COURSES RELATED TO MAJOR FIELD	
Psychology 101	5	Criminal Justice 201, 202, 203	15
Political Science 101	5	B.A. 151-152, 206	15
Sociology 101, 201	5		
History 100	5		

COURSES REQUIRED OF CRIMINAL JUSTICE MAJORS (with a concentration in C.J. Administration)

Business Administration 210, 420, 450	15
Criminal Justice 305, 310, 315, 430	20
Political Science 404, 430	10
Social Work 403, 404	10
Business Administration 495 or Political Science 420	5
Two courses from the following: Bus. Adm. 350, 362, 490	10
Two courses from the following: Criminal Justice 322, 340, 400, 420, 440, 450	10
Political Science 306 or 468	5
One course from the following: Psychology 302, 315, 320, 335, 453	5
Two courses from the following: Sociology 301, 302; Social Work 315, 317, 400, 401; History 403	10

ELECTIVES

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

ASSOCIATE OF SCIENCE DEGREE IN CRIMINAL JUSTICE

GENERAL EDUCATION REQUIREMENTS

English 101-102; or 105H	5-10
Mathematics 101	5
Biology 101-102, Chemistry 101-102, or Physics 101, 102, 110 (any two) or 115, 116	10
One five-hour course at 100 or 200 level from Mathematics, Biology, Chemistry, or Physics	5
Psychology 101	5
Political Science 101	5
Sociology 101	5
History 100	5

CRIMINAL JUSTICE

Four courses selected from Criminal Justice 201, 202, 203, 301, 320, 321, 322	20
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ELECTIVES	20
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MAJOR IN HISTORY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES

	HOURS CREDIT
English 101-102; or 105H	10
Courses from English 203, 204, 205, 206, 207	10

AREA II — MATHEMATICS AND NATURAL SCIENCE

	HOURS CREDIT
Mathematics 101; or 113H	5
Sciences: (a ten-hour sequence of a Lab Science at the 100 level) Biology 101, 102, 103 (any two) Chemistry 101-102; or 121-122 Physics 101, 102, 110 (any two) or 115, 116 Any other one quarter 100 or 200 level courses from Area II.	10 5

AREA III — SOCIAL SCIENCE

	HOURS CREDIT
Political Science 101	5
History 101, 102, 103	10
Anthropology 100	
Psychology 101, 205	
Sociology 100, 205	
Economics 151, 152	5

AREA IV — COURSES APPROPRIATE TO MAJOR FIELD

	HOURS CREDIT
History 101, 102, 103 not taken for Area III; 251, 252, 253 (any two)	10-15
Courses from Anthropology, Computer Science, Economics, Elementary Statistics, Political Science, Philosophy, Psychology, Sociology	10-20

HISTORY MAJOR

History 251, 252, 253 (any two) plus 25 hours of 300 and 400 level courses. To fulfill the requirements for a major in History, a student must offer at least one 390 and at least one 490 level studies course in his ap- propriate field. These courses are open to students other than history majors.	35
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COURSES IN THE MINOR

20

Majors in the field of History must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interest and his career goals and only after consultation with his major advisor.

The following fields may be used to fulfill the minor requirements:

Anthropology, Economics, Fine Arts (with the approval of advisor),
Modern Languages, Political Science, Psychology, Sociology, English

ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN HISTORY — SECONDARY EDUCATION

(For Core Curriculum Requirements see above)

COURSES IN THE MAJOR

Courses at the 300-400 level with at least 10 hours in European History. 30

PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311c, 421c, and 431c 35

OTHER REQUIREMENTS

Physical Education 390 or 400 and 401 or 420 8-10

ELECTIVES: In addition to the degree requirements, the student is expected to complete 10 hours of course work, distributed among the following areas: Anthropology, Sociology, Economics, and History; (a) Anthropology 100, General Anthropology; (b) Sociology 100, Introduction to Sociology; (c) Economics 151, 152, Principles of Economics; (d) Political Science 101, American Government, and 205, Introduction to Political Science.

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN POLITICAL SCIENCE

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102; or 105H	10	Mathematics 101-102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (A ten-hour sequence of a Lab Science at the 100 level) Biology 101, 102, 103 (any two) Chemistry 101-102; or 121-122 Physics 101, 102, 110 (any two) or 115, 116 Any other one quarter 100 or 200 level courses from Area II.	10 0-5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	Political Science 205	5
History 101, 102, 103	10	Foreign Language, or Mathematics 151 and 252; and Math 240 or Psychology 299	5-20
Courses from Anthropology 100, Psychology 101, or Sociology 100, 201	5	Courses from Anthropology, Economics, Geography, History, Philosophy, Political Science, Psychology, Sociology	10-20
POLITICAL SCIENCE MAJOR			35
Political Science 205, plus 30 hours of 300 and 400 level courses. To fulfill the requirements for a major in Political Science a student must offer at least one 390 and at least one 490 level studies course in his appropriate field. These courses are open to students other than Political Science majors.			
COURSES IN THE MINOR			20
Majors in the field of Political Science must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interests and his career goals and only after consultation with his major advisor.			
The following fields may be used to fulfill the minor requirements: Anthropology, Economics, English, History, Modern Languages, Psychology, Sociology.			
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS			

U.S. AND GEORGIA CONSTITUTION REQUIREMENT
U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN POLITICAL SCIENCE — SECONDARY EDUCATION

(For Core Curriculum Requirements see above)

COURSES IN THE MAJOR	
Courses at the 300-400 level with at least 5 credit hours in each of the following: American Constitutional Law, Comparative Government, Political Thought, International Relations.	30
PROFESSIONAL EDUCATION SEQUENCE	
Education 204, 305, 311c, 421c, and 431c	35
OTHER REQUIREMENTS	
Physical Education 390 or 400 and 401 or 420	8-10
ELECTIVES: In addition to the degree requirements, the student is expected to complete 10 hours of course work distributed among the following areas: Anthropology, Sociology, Economics, and History; (a) History 251, 252, 253 American History; (b) Anthropology 100, General Anthropology; (c) Sociology 100, Introduction to Sociology, and 205, Advanced General Sociology; (d) Economics 151, 152, Principles of Economics.	15
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN SOCIOLOGY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102, or 105H	10	Mathematics 101-102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (A ten-hour sequence of a Lab Science at the 100 level)	10
		Biology 101, 102, 103 (or any two)	
		Chemistry 101-102; or 121-122	
		Physics 101, 102, 110 (any two) or 115, 116	
		Any other one quarter 100 or 200 level courses from Area II.	0-5

AREA III — SOCIAL SCIENCES		
Political Science 101	5	
History 101, 102, 103	10	
A course from Anthropology 100, Psychology 101, or Sociology 100, 201	5	
		AREA IV — COURSES RELATED TO MAJOR FIELD
		Sociology 216, 225 10
		Psychology 299 or Math 240; and Math 151 7
		Courses from Anthropology, Economics, Political Science, Psychology, Economics, Political Science, Psychology 15
SOCIOLOGY MAJOR		
Sociology 205, plus 30 hours of 300 and 400 level courses.		35
COURSES IN THE MINOR		20
Majors in the field of Sociology must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interests and his career goals and only after consultation with his major advisor.		
The following fields may be used to fulfill the minor requirements: Anthropology, Economics, English, History, Modern Languages, Political Science, Psychology, Sociology.		
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)		
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)		18
BASIC PHYSICAL EDUCATION REQUIREMENTS		6
MODERN LANGUAGE REQUIREMENTS		
U.S. AND GEORGIA CONSTITUTION REQUIREMENT		
U.S. AND GEORGIA HISTORY REQUIREMENT		

MAJOR IN SOCIOLOGY — SECONDARY EDUCATION (BEHAVIORAL SCIENCES)

(For Core Curriculum Requirements see above)		
COURSES IN THE MAJOR		
Sociology 205 plus 30 hours		35
PROFESSIONAL EDUCATION SEQUENCE		
Education 204, 305, 311c, 421c, and 431c		35
OTHER REQUIREMENTS		
Physical Education 390 or 400 and 401 or 420		8-10
ELECTIVES: At least 20 hours from Anthropology 100, Psychology 101, 205, 299, 305, 314.		
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)		18
BASIC PHYSICAL EDUCATION REQUIREMENTS		6
MODERN LANGUAGE REQUIREMENTS		
U.S. AND GEORGIA CONSTITUTION REQUIREMENT		
U.S. AND GEORGIA HISTORY REQUIREMENT		

INTERDISCIPLINARY MAJOR IN SOCIAL SCIENCES

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102; or 105H	5-10	Mathematics 101, 102; or 113H	5-10
Courses from English 203, 204, 205, 206, 207 (Any two or three to bring total in Area I to 20 hours)	10-15	Sciences: Biology 101-102, 103 (any two); or Chemistry 101-102	10-15
		Physics 101, 102, 110 (any two) or 115, 116	
		A Lab Science at the 100 or 200 level (if needed)	0-5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	
Political Science 101	5	French, German or Spanish 211, or Math	5
History 103	5	252	2
Psychology 101	5	Mathematics 151	10
Sociology 100, 201	5	Economics 151, 152	
		Courses from Anthropology 100, Psychology 205, 258, or Sociology 225	15

INTERDISCIPLINARY SOCIAL SCIENCE MAJOR

A. * 1. One course from Business Administration 360, Mathematics 240, or Psychology 299	5
2. One course from Business Administration 210, Education 416, or Mathematics 252	5
3. One course from Political Science 205, or Sociology 205	5
B. Business Administration 420, 450	10
One Course from Business Administration 330, 370, 375, 490, 495	5
C. Political Science	
Political Science 310, 404	10
One course from Political Science 303, 305, 306, 410, 411, 468	5
D. * History	
History 253	5
One course from History 352, 403, 452	5
E. * Psychology	
Psychology 315	5
Courses from the following: Psychology 300, 320, 325, 343, 420, 430	10
F. * Sociology/Anthropology	
Sociology 310	5
Social Work 315	5
One course from Anthropology 401, or Sociology 302, 303, 316, 320, 322	5

ELECTIVES (to bring the total number of credit hours to at least 185
exclusive of Basic Military Science and Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

NOTE*: Cadets enrolled in 18 hours of Military Science will be required to
take 10 hours in A, 5 hours in D, 10 hours in E, and 10 hours in F.

BASIC PHYSICAL EDUCATION REQUIREMENTS
 MODERN LANGUAGE REQUIREMENTS
 U.S. AND GEORGIA CONSTITUTION REQUIREMENT
 U.S. AND GEORGIA HISTORY REQUIREMENT

6

MINOR IN HISTORY

Courses selected from 251, 252, 253	5-10
Courses from 300-400 level	10-15

MINOR IN POLITICAL SCIENCE

Political Science 205 and 15 hours from 300-400 level courses.	20
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MINOR IN SOCIOLOGY

An appropriate selection of courses beyond the 200 level.	20
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COURSES IN SOCIAL SCIENCE

COURSES IN ANTHROPOLOGY

100. INTRODUCTION TO ANTHROPOLOGY. 5 hours

A survey of the science of Anthropology to include Modern Physical Anthropology; a consideration of the origins and evolution of man and the variation of modern man; Archaeology and Cultural Anthropology; to consider the origins and evolution of human societies and cultures and their modern variation. No prerequisite; open to freshmen.

300. READINGS IN ANTHROPOLOGY. 5 hours

Independent readings from selected literature in the field of Anthropology. Although this course may be given through formally organized classes, it may also be given by arrangement under the supervision of a member of the Department of Social Science. Written or oral reports will be expected of each student in connection with each of the assigned readings.

301. PEOPLES AND CULTURES OF AFRICA. 5 hours

Prerequisite: Anthropology 100 or Instructor's permission. A survey of the culture histories and contemporary variability of the societies of Sub-Saharan Africa. Emphasis will be placed on pre-industrial societies with consideration of the impact of modern industrial societies in African life.

302. PEOPLES AND CULTURES OF NORTH AMERICA. 5 hours

Prerequisite: Anthropology 100 or Instructor's Permission. A survey of the cultures of Aboriginal North America. Emphasis will be placed on historical reconstruction and comprehension of the relationship of society and environment. However, attention will be given to the problems of the American Indian as a minority in an alien industrial society.

303. PEOPLES AND CULTURES OF OCEANIA. 5 hours

Prerequisite: Anthropology 100 or Instructor's Permission. A survey of the cultures of Polynesia, Melanesia, Micronesia, Indonesia and other appropriate Pacific Ocean Peoples. Emphasis on the cultural ecology of Oceania.

401. **ADVANCED CULTURAL ANTHROPOLOGY.** **5 hours**
Prerequisite: Anthropology 100 and junior standing. A detailed re-examination of the concepts and methods of cultural anthropology with significant consideration of theoretical foundations and problems.

COURSES IN CRIMINAL JUSTICE

201. **INTRODUCTION TO CRIMINAL JUSTICE.** **5 hours**
A systematic study of the local, State, and National Agencies involved in the administration of Criminal Justice and an overview of the administration of Justice in the U.S.
202. **POLICE ADMINISTRATION AND MANAGEMENT.** **5 hours**
A study of the contemporary law enforcement agency and an analysis of its organization, staffing, budgeting, controlling, coordination, planning, and related processes.
203. **LEGAL ASPECTS OF LAW ENFORCEMENT: CRIMINAL
PROCEDURE AND EVIDENCE.** **5 hours**
An analysis of the legal procedures and processes required in the administration of Criminal Justice.
305. **THE AMERICAN CONSTITUTIONAL SYSTEM.** **5 hours**
An examination of the development and nature of the American Constitutional system through Supreme Court cases defining the interrelationships of the executive, judicial and legislative branches and the relationships of the states to the national government.
310. **CRIMINAL LAW AND THE CONSTITUTION.** **5 hours**
Prerequisite: C.J. 305. An analysis of the criminal law and individual liberties in law enforcement and related activities.
315. **CRIMINAL LAW.** **5 hours**
Prerequisite: C.J. 310. This course deals with the history and development of the criminal law with definitions and general penalties. Criminal acts and crimes against the person, against property, and against the government, are also reviewed. Special emphasis will be placed on the Georgia Criminal Code.
320. **CRIMINOLOGY.** **5 hours**
A study of the social factors related to criminal behavior: prisons, and treatment practices.
321. **JUVENILE DELINQUENCY.** **5 hours**
This course emphasizes three areas of the problem of juvenile delinquency: Causation, Treatment and Prevention.
322. **PENOLOGY.** **5 hours**
A study of the American prison system. Comparison with the prison system of other nations will be made.
340. **CORRECTIONS LAW.** **5 hours**
The course will deal with the legal problems from conviction to release. The areas to be covered include pre-sentence, probation, parole, incarceration, loss and restoration of civil liberties, and with special emphasis on the constitutional rights of prisoners.

390. **READINGS IN CRIMINAL JUSTICE.** 2 hours
400. **CRIMINAL INVESTIGATIONS.** 5 hours
This course deals with the introduction to investigation methodology and includes the theory of investigations, as conducted at the scene of the crime; collection and preservation of evidence, the use of informants, techniques of surveillance, and presentation of cases in court.
410. **EVIDENCE.** 5 hours
An intensive study and analysis of the rules of evidence as they apply to criminal cases. Particular emphasis will be placed on burden of proof and hearsay evidence as well as the principles of exclusion and selection.
412. **THE JUDICIAL SYSTEM AND THE JUDICIAL PROCESS.** 5 hours
A systematic study of the Judicial System and its role in the administration of Justice.
420. **CRIMINALISTICS.** 5 hours
An introduction to the problems and techniques of scientific investigations in the criminal field. Emphasis will be placed on familiarizing the student with the role of science and technology in modern law enforcement.
430. **THE URBAN COMPLEX.** 5 hours
A study of the historic, economic, political and social characteristics and problems of the modern city.
440. **PHILOSOPHICAL PROBLEMS OF CRIMINAL JUSTICE.** 5 hours
Problems in ethical and legal philosophy as they relate to historical and contemporary issues in criminal justice.
450. **ADVANCED STUDIES IN CORRECTION.** 5 hours
Offered on Demand.
Prerequisite: Psychology 335 and S.W. 403. Study in institution-based treatment programs, community based treatment for pretrial and posttrial programs. Emphasis will be placed on the impact and operational aspects of these programs.
485. **INTERNSHIP IN CRIMINAL JUSTICE.** 5-15 hours
An assignment to a law enforcement or related agency.
490. **SEMINARS IN CRIMINAL JUSTICE.** 5 hours
Seminars in criminology, penology, social problems, human relationships and related topics.

COURSES IN HISTORY

100. **SURVEY OF AMERICAN AND GEORGIA HISTORY.** 5 hours
This course is designed to satisfy the state law requiring that all students receiving degrees pass an examination in the history of the United States and Georgia.
- 101, 102, 103. **WORLD CIVILIZATION.** 5, 5, 5 hours
A survey of world civilization from prehistoric times to the present.
251. **AMERICAN HISTORY, 1492 to 1850.** 5 hours

252. **AMERICAN HISTORY, 1850 to 1920.** 5 hours
253. **AMERICAN HISTORY, 1920 TO PRESENT.** 5 hours
303. **SOCIAL AND CULTURAL HISTORY OF EUROPE —
RENAISSANCE TO SCIENTIFIC
REVOLUTION 1400-1686.** 5 hours
Breakdown of medieval cultural and emergence of secularism, humanism, religious conflicts, science and technology.
304. **SOCIAL AND CULTURAL HISTORY OF EUROPE —
ENLIGHTENMENT TO SOCIALISM 1685-1890.** 5 hours
Breakdown of ancient regime, Enlightenment Revolutionary Ideas, emergence of ideologies-socialism and Darwinism.
305. **SOCIAL AND CULTURAL HISTORY OF EUROPE —
CRISES OF CONTEMPORARY WORLD —
1890 TO PRESENT.** 5 hours
New Romanticism, Crisis Theology — Elitist theories, Existentialism, Marxism and the Modern World.
306. **ECONOMIC AND SOCIAL HISTORY OF THE
U.S. TO 1865.** 5 hours
A history of American agriculture, transportation, mining, fishing, manufacturing, banking and labor from the beginning to 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
307. **ECONOMIC AND SOCIAL HISTORY OF U.S. — 1865 TO
PRESENT.** 5 hours
A History of American Agriculture, transportation, mining, fishing, banking, manufacturing, mining and labor since 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
311. **HISTORY OF ENGLAND TO 1603.** 5 hours
A study of the growth and development of England during the Medieval and Tudor periods.
312. **HISTORY OF ENGLAND, 1603-1901.** 5 hours
313. **HISTORY OF ENGLAND — 1901 TO THE PRESENT.** 5 hours
A study of the growth of England during the twentieth century.
315. **HISTORY OF THE FAR EAST.** 5 hours
A survey of oriental history with emphasis upon the role of Japan and China in world affairs during the nineteenth century.
330. **THE FEMINIST MOVEMENT.** 5 hours
A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact.

351. **THE OLD SOUTH.** 5 hours
A survey of economic, social, cultural, and political developments in the South from the founding of the Southern Colonies to 1865. Special emphasis will be placed on slavery and the abolitionist movement leading up to the Emancipation Proclamation, 1863; and the Thirteenth Amendment, 1865.
352. **THE NEW SOUTH.** 5 hours
A survey of economic, social, cultural and political developments in the South since the end of the Civil War. Special emphasis will be placed on the role of the nonwhites in Southern Society starting with the adoption of the Fourteenth and Fifteenth Amendments during the Reconstruction periods and going up through the Civil Rights and Black Power Movements of the second half of the twentieth century.
401. **SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES TO 1830.** 5 hours
The study deals with cultural and intellectual developments in America from the Colonial Period to 1830. Included in this course will be such subjects as *European Heritage*, *The American Frame of Mind*, *New World Science*, *Republicanism*, *A New Kind of Revolution*, and *The Power of an Idea*.
402. **SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES FROM 1830 TO 1900.** 5 hours
This course is an investigation of the Social and Intellectual currents in the United States from 1830 to 1900. Included in the course will be discussions on such subjects as: *The Best of Jackson and Francis Parkman*, *Cult of the Common Man*, *The Antebellum South*, *The American Renaissance*, *High Tide of Romanticism*, *Intellectual Trends in Southern Nationalism*, *The New South*, *The Last Frontier*, *American Socialism*, *The Urban Impact on Rural Life*, and *American Industry and Labor*.
403. **SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES, 1900 TO PRESENT.** 5 hours
This course is an analysis of the social and intellectual currents in the United States from 1900 to present. Included in the course will be discussions on such ideologies as *Social Darwinism*, *Pragmatism*, *Conservatism*, *American Socialism*, and *The War to End the War*, *Ideologies*.
411. **HISTORY OF LATIN AMERICA.** 5 hours
A study of the Colonial period and the Wars of Independence.
412. **HISTORY OF LATIN AMERICA.** 5 hours
A study of the Latin American nation-states.
420. **FRENCH HISTORY — MIDDLE AGES TO 1640.** 5 hours
A survey of political, social and developments.
421. **FRENCH HISTORY — 1640 TO 1870.** 5 hours
A survey of political, social and institutional developments.
422. **FRENCH HISTORY — 1870 TO PRESENT.** 5 hours
A survey of political, social and institutional developments.
430. **RUSSIAN HISTORY TO 1905.** 5 hours

431.	RUSSIAN HISTORY, 1905 TO THE PRESENT.	5 hours
450.	THE MODERN WORLD, 1850 TO THE TWENTIETH CENTURY*.	5 hours
451.	THE MODERN WORLD, 1900 TO 1932*.	5 hours
452.	THE MODERN WORLD, 1933 TO THE PRESENT*.	5 hours
460.	THE AMERICAN REVOLUTION. This course will investigate and analyze the social, political, economic, and military events of the era from 1700 to 1783.	5 hours
462.	THE ERA OF THE FRENCH REVOLUTION 1774-1794. A study of the French Revolution, its causes, and its consequences.	5 hours
463.	THE ERA OF THE FRENCH REVOLUTION 1794-1815. From the Rise of Napoleon to Waterloo.	5 hours
470.	CIVIL WAR AND RECONSTRUCTION. History of the United States, 1860-1877. The course covers the outbreak of war, the war itself, the North during the War, the Confederacy, the Reconstruction program, the South during Reconstruction, and the North during Reconstruction.	5 hours
480.	APPALACHIAN STUDIES. A consortium on Appalachian culture with an emphasis on the North Georgia heritage. This is a lecture and independent research course.	5 hours

STUDIES COURSES IN HISTORY

390 a,b,c.	STUDIES IN AMERICAN HISTORY.	2 hours
391 a,b,c.	STUDIES IN SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES.	2 hours
392 a,b.	STUDIES IN SOUTHERN HISTORY.	2 hours
393.	STUDIES IN AMERICAN DIPLOMATIC HISTORY.	2 hours
394 a,b.	STUDIES IN ENGLISH HISTORY.	2 hours
395 a,b,c.	STUDIES IN EUROPEAN HISTORY.	2 hours
396 a,b.	STUDIES IN DIPLOMATIC HISTORY TO 1900, and 1900 to 1940.	2 hours
397 a,b.	STUDIES IN EUROPEAN SOCIAL AND CULTURAL HISTORY.	2 hours

A study of the social, economic, and political trends of the world for the periods indicated

398 a,b.	STUDIES IN RUSSIAN HISTORY.	2 hours
399.	STUDIES IN REVOLUTIONARY EXPERIENCES.	2 hours

READINGS AND RESEARCH COURSES IN HISTORY

490.	READINGS AND RESEARCH IN AMERICAN HISTORY.	3 hours
491.	READINGS AND RESEARCH IN SOCIAL AND CULTURAL HISTORY.	3 hours
492.	READINGS AND RESEARCH IN SOUTHERN HISTORY.	3 hours
493.	READINGS AND RESEARCH IN ENGLISH HISTORY.	3 hours
495.	READINGS AND RESEARCH IN MODERN EUROPEAN HISTORY.	3 hours
496.	READINGS AND RESEARCH IN DIPLOMATIC HISTORY.	3 hours
497.	READINGS AND RESEARCH IN EUROPEAN SOCIAL AND CULTURAL HISTORY.	3 hours
498.	READINGS AND RESEARCH IN RUSSIAN HISTORY.	3 hours

COURSES IN POLITICAL SCIENCE

101.	AMERICAN GOVERNMENT. <i>Fall, Winter, Spring, and Summer Quarters.</i> Prerequisite to all other courses. An intensive examination of the Constitution and the three governmental divisions. The course includes a study of the national government in its relation to the states.	5 hours
205.	INTRODUCTION TO POLITICAL SCIENCE.	5 hours
303.	INTERNATIONAL RELATIONS. An analysis of the basic forces which govern the behavior of nations in their relations with one another. This study of world power conflicts, diplomacy and international cooperation is designed to acquaint the student with the basic issues and areas of conflict among the nation-states of the contemporary world.	5 hours
305.	THE AMERICAN CONSTITUTIONAL SYSTEM. An examination of the development and nature of the American Constitutional system through Supreme Court cases defining the interrelationships of the executive, judicial and legislative branches and the relationships of the states to the national government.	5 hours

306. **AMERICAN STATE GOVERNMENT.** 5 hours
An examination of the organization and functions of the state and its political subdivisions. Wherever possible, the state government of Georgia will be studied for illustrative purposes.
308. **GOVERNMENT AND POLITICS IN LATIN AMERICA.** 5 hours
An analysis of the political institutions and political processes of the Latin-American nations.
310. **AMERICAN POLITICAL THEORY.** 5 hours
Prerequisite: Political Science 101 and Junior standing. An analysis of the ideas underlying government and politics in the United States through a survey of American political thought from colonial times to the present.
315. **POLITICAL PHILOSOPHY.** 5 hours
An analysis of ideas of selected western political philosophies from Plato to Twentieth Century political philosophers.
390. **STUDIES IN INTERNATIONAL RELATIONS.** 2 hours
391. **STUDIES IN STATE AND LOCAL GOVERNMENT.** 2 hours
392. **STUDIES IN TWENTIETH CENTURY POLITICAL THOUGHT.** 2 hours
393. **STUDIES IN LATIN AMERICAN GOVERNMENT.** 2 hours
401. **COMPARATIVE GOVERNMENT.** 5 hours
A study of universal political principles and an application of these principles to the study of political systems on a comparative basis.
402. **TWENTIETH CENTURY POLITICAL THOUGHT.** 5 hours
An analysis of modern political thought with an emphasis on the doctrines of capitalism and communism.
404. **PUBLIC ADMINISTRATION.** 5 hours
An analysis of the theory, basic principles and practices of public administration in the United States through a study of organization, management, budgeting, personnel, administrative leadership and the characteristics of modern bureaucracies.
405. **GOVERNMENT AND POLITICS OF THE SOVIET UNION AND THE EASTERN EUROPEAN BLOC.** 5 hours
406. **SOVIET FOREIGN POLICY.** 5 hours
Prerequisite: Political Science 101. This course is designed to enable the student to understand about the nature of foreign policy in general and Soviet foreign policy in particular. The topic will be taught from the point of view that Soviet foreign policy is a continuation of foreign policy goals of pre-Bolshevik Russia.
410. **THE LEGISLATIVE PROCESS.** 5 hours
An analysis of the legislative process in the U. S. Congress and American State Legislatures.

- 411. THE PRESIDENCY. 5 hours**
An analysis of the role and function of the American Presidency.
- 412. THE JUDICIAL SYSTEM AND THE JUDICIAL PROCESS. 5 hours**
A systematic study of the judicial system and its role in the administration of justice.
- 420. PUBLIC PERSONNEL ADMINISTRATION. 5 hours**
An analysis of the development and operation of the public personnel systems in the United States.
- 430. PUBLIC POLICY PLANNING AND ANALYSIS. 5 hours**
An analysis of major policy decisions and the impact of these decisions on the American Political System.
- 468. CITY AND COUNTY GOVERNMENT. 5 hours**
Organization and operation of city and county governments in the United States. Political aspects of these governments and techniques of citizen participation are studied.
- 490. READINGS AND RESEARCH IN COMPARATIVE GOVERNMENT. 3 hours**
Prerequisite: Political Science 401
- 491. READINGS AND RESEARCH IN AMERICAN POLITICAL THOUGHT. 3 hours**
Prerequisite: Political Science 310
- 492. READINGS AND RESEARCH IN SOVIET AND EASTERN EUROPEAN GOVERNMENT. 3 hours**
Prerequisite: Political Science 405
- 493. READINGS AND RESEARCH IN AMERICAN CONSTITUTIONAL SYSTEM. 3 hours**
Prerequisite: Political Science 305 or 410 or 411
- 495. READINGS AND RESEARCH IN INTERNATIONAL RELATIONS. 3 hours**

COURSES IN SOCIOLOGY

- 100. INTRODUCTION TO SOCIOLOGY. 5 hours**
Prerequisite to all other courses. The student is introduced to the methods of human associations; the nature of culture, custom, belief, institution, etc., and its role in the development of society.
- 205. ADVANCED GENERAL SOCIOLOGY. 5 hours**
A study of the social order emphasizing institutions, social classes, collective behavior, social movements, and associations.
- 216. THE FAMILY. 5 hours**
The American family as a social institution.

225. **SOCIAL PROBLEMS.** 5 hours
A study of both general and special problems considered in the social and cultural setting in which they occur. The emphasis is upon the people and their behavior.
301. **URBAN SOCIOLOGY.** 5 hours
A study of the modern city.
302. **RACE AND MINORITY GROUPS.** 5 hours
Patterns of domination and subordination; criteria for differential treatment; techniques of resistance to domination and methods of enforcing subordination. The social problems of discrimination.
303. **POPULATION PROBLEMS.** 5 hours
Population analysis, demographic theory, differentials, population policies, distribution of people.
310. **SOCIOLOGICAL THEORY.** 5 hours
A survey of the major theoretical concepts of major writers in sociology from Comte to the present.
320. **CRIMINOLOGY.** 5 hours
A study of the social factors related to criminal behavior: prisons, and treatment practices.
321. **JUVENILE DELINQUENCY.** 5 hours
This course emphasizes three areas of the problem of juvenile delinquency: Causation, Treatment and Prevention.
322. **PENOLOGY.** 5 hours
A study of the American prison system. Comparison with the prison system of other nations will be made.
325. **INTRODUCTION TO GERONTOLOGY.** 5 hours
An interdisciplinary approach to the study of the process of aging.
330. **THE FEMINIST MOVEMENT.** 5 hours
A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact.

B.S.W. (BACHELOR OF SOCIAL WORK) PROFESSIONAL DEGREE PROGRAM

The Social Work training program will be professional in nature and lead to the B.S.W. (Bachelor of Social Work) Degree. Students expressing a desire to enter the field of Social Work immediately after completing a four-year program will be counseled to work toward this degree.

MAJOR IN SOCIAL WORK

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCES	HOURS CREDIT
English 101-102; or 105H	5-10	Mathematics 101; 113H	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 211	5	Biology 101-102	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5
AREA III — SOCIAL SCIENCE		AREA IV — COURSES APPRO- PRIATE TO MAJOR	
Political Science 101	5	Psychology 101	5
A 100-200 level course in History	5	Courses from Humanities, Mathematics, Natural Sciences, or Social Sciences	25
Courses from Economics 151, Psychology 101, or Sociology 100	10		
SOCIAL WORK MAJOR			
Social Work 315, 400, 401 and 441			30
OTHER REQUIREMENTS:			
Additional courses from Political Science, Psychology and Sociology or other academic areas selected by the student and approved by the Director of Social Work Education.			60
CONCENTRATION IN GERONTOLOGY			
Gerontology 304, 305, 306, 307, 308, 309, 325, 330, 401, 402, 441, or 485 in addition to other courses approved in the Social Work se- quence.			90
CONCENTRATION IN REHABILITATION.			
Social Work 315, 325, 400, 401, 430, 441, and 443, plus Rehabilita- tion 300, 304, 323, 464, 465, in addition to other courses approved in the Social Work Program.			90
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			

MINOR IN SOCIAL WORK

Social Work 315, 400, 401, 441 will constitute the minor.

30

COURSES IN SOCIAL WORK

ANTHROPOLOGY

- S.W. 100. ANTHROPOLOGY — GENERAL. 5 hours**
Prerequisite: Anthropology 100 or Instructor's Permission. A survey of the science of Anthropology to include Modern Physical Anthropology; a consideration of the origins and evolution of man and the variation of modern man; Archaeology and Cultural Anthropology; the origins and evolution of human societies and cultures and their modern variation.
- S.W. 302. PEOPLES AND CULTURES OF NORTH AMERICA. 5 hours**
Prerequisite: Anthropology 100 or Instructor's permission. A survey of the cultures of Aboriginal North America. Emphasis will be placed on historical reconstruction and comprehension of the relationship of society and environment. However, attention will be given to the problems of the American Indian as a minority in an alien, industrial society.
- S.W. 401. ADVANCED CULTURAL ANTHROPOLOGY. 5 hours**
Prerequisite: Anthropology 100 and junior standing. A detailed re-examination of the concepts and methods of cultural anthropology with significant consideration of theoretical foundation and problems.

POLITICAL SCIENCE

- S.W. 101. AMERICAN GOVERNMENT. 5 hours**
An intensive examination of the Constitution and the three governmental divisions. Emphasis is given to the internal organization and actual work of the various departments of our nation's government. The course includes a study of the national government in relationship to the states.
- S.W. 306. STATE GOVERNMENT. 5 hours**
An examination of the organization and functions of the state and its political subdivisions. Wherever possible, the state government of Georgia will be studied for illustration purposes.
- S.W. 404. PUBLIC ADMINISTRATION. 5 hours**
An analysis of the theory, basic principles and practices of public administration in the United States through a study of organization-management, budgeting, personnel, administrative leadership, and the characteristics of modern bureaucracies.
- S.W. 412. JUDICIAL SYSTEM AND THE JUDICIAL PROCESS. 5 hours**
A systematic study of the Judicial system and its role in the administration of Justice.

- S.W. 468. CITY AND COUNTY GOVERNMENTS. 5 hours**
Organization and operation of city and county governments in the United States. Political aspects of these governments and techniques of citizen participation.

PSYCHOLOGY

- S.W. 101. GENERAL PSYCHOLOGY. 5 hours**
A study of human and animal behavior, including motivation, emotion, learning, individual differences, development of personality and behavior disorders. A general survey of the field of psychology.
- S.W. 258. PSYCHOLOGY OF ADJUSTMENT. 5 hours**
A course in mental hygiene, dealing with the appropriate and inappropriate reactions to frustration and stress and the resolution of conflicts, fears and anxieties.
- S.W. 299. INTRODUCTION TO STATISTICS FOR THE BEHAVIORAL SCIENCES. 5 hours**
A study of basic descriptive and inferential statistics with particular emphasis on analysis of various techniques and the fundamentals of research design.
- S.W. 301. CHILD DEVELOPMENT. 5 hours**
A study of the roles played by maturation and experience in the social, emotional, moral, and physical development of children from the prenatal period to adolescence. Two hours of weekly observation of children in public school required.
- S.W. 302. PSYCHOLOGY OF ADOLESCENCE. 5 hours**
A study of the physical, social, and cognitive adolescent with emphasis on the problems of transition to adulthood.
- S.W. 315. SOCIAL PSYCHOLOGY. 5 hours**
A theoretical and empirical study of social relationships and their effects on individuals. Behavior in small group settings will be emphasized.
- S.W. 325. INTRODUCTION TO GERONTOLOGY. 5 hours**
An interdisciplinary approach to the study of the process of aging.
- S.W. 343. THEORIES OF PERSONALITY. 5 hours**
A critical evaluation of the major theories of personality and a survey of research on major personality variables comprise this course.
- S.W. 417. MENTAL HYGIENE. 5 hours**
An advanced course dealing with mental hygiene problems, especially of children and adolescents; problems of different stages of maturation adjustment in the home, school and play groups; and special needs in cases of retardation and delinquency.
- S.W. 420. PSYCHOMETRICS. 5 hours**
An introduction to theories and practices of psychological measurement. The characteristics and uses of specific maximum and minimum performance assessment devices will be included.

S.W. 430. PSYCHOLOGY OF THE DISADVANTAGED. 5 hours
 The effects of severe cultural deprivation — economic, social, education — on the psychological growth and development of an individual, in both rural and urban settings will be studied.

S.W. 443. PSYCHOLOGY OF THE MENTALLY RETARDED. 5 hours
 A theoretical and empirical study of the mentally retarded individual, emphasizing etiology, classification and characteristics and treatment.

S.W. 453. ABNORMAL PSYCHOLOGY I. 5 hours
 This course involves the study of the historical perspectives of abnormal behavior, the various psychosocial models used to understand behavior as well as the study of personality development and adjustment. The major emphasis of the course will be a thorough investigation — involving the causes, dynamics, and treatment — of the following forms of abnormal behavior: transient situational disorders, neuroses, schizophrenia and paranoia, major affective disorders and suicide, sociopathic disorders, delinquency and crime, alcoholism and drug dependence.

S.W. 454. ABNORMAL PSYCHOLOGY II. 5 hours
 This course deals with the causes, dynamics and treatment of the following forms of abnormal behavior: sexual deviations, psychosomatic disorders, organic brain syndromes, mental retardation, behavior disorders of childhood, maladaptive behavior of groups. Special emphasis will be given to contemporary approaches to therapy.

SOCIOLOGY

S.W. 100. INTRODUCTION TO SOCIOLOGY. 5 hours
 The student is introduced to the methods of human associations; the nature of culture, custom, belief, institution, etc., and their roles in the development of society. A prerequisite to all other sociology courses.

S.W. 205. ADVANCED GENERAL SOCIOLOGY. 5 hours
 A study of the social order, emphasizing institutions, social classes, collective behavior, social movements, and associations.

S.W. 216. THE FAMILY. 5 hours
 The American family as a social institution.

S.W. 225. SOCIAL PROBLEMS 5 hours
 A study of both general and special problems considered in the social and cultural setting in which they occur. The emphasis is upon the people and their behavior.

S.W. 301. URBAN SOCIOLOGY. 5 hours
 A study of the modern city.

S.W. 302. RACE AND MINORITY GROUPS. 5 hours
 Patterns of domination and subordination; criteria for differential treatment, techniques of resistance to domination and methods of enforcing subordination. The social problems of discrimination.

S.W. 303. POPULATION PROBLEMS. 5 hours
 Population analysis, demographic theory, differentials, population policies, distribution of people

- S.W. 310. SOCIOLOGICAL THEORY. 5 hours**
A survey of the major theoretical concepts of major writers in sociology from Comte to the present.
- S.W. 320. CRIMINOLOGY. 5 hours**
A study of the social factors related to criminal behavior; prisons and treatment practices.
- S.W. 321. JUVENILE DELINQUENCY. 5 hours**
This course emphasizes three areas of the problem of juvenile delinquency: Causation, Treatment and Prevention
- S.W. 322. PENOLOGY. 5 hours**
A study of the American prison system. Comparison with the prison system of other nations will be made.
- S.W. 330. THE FEMINIST MOVEMENT. 5 hours**
A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact.

SOCIAL WORK

- S.W. 315. THE FIELD OF SOCIAL WORK. 5 hours**
An introductory course to the various aspects of present-day social work. Considers family and children's services, the courts, probation and parole, medical, social services, group work, community organization, public assistance and social security.
- S.W. 317. SOCIAL WORK INTERVENTION. 5 hours**
(Communications, skills)
Course covers various methods and theories of treatment and approaches used in Social Work. The class will include problem solving
- S.W. 400. SOCIAL WORK HISTORY AND PHILOSOPHY. 5 hours**
Role and function of professional social work practice in dealing with current social welfare problems, historical background, ethical and normative considerations.
- S.W. 401. SOCIAL WORK METHODS. 5 hours**
A study of the conceptions, functions, and processes of various methods of social work through which the social functioning of individuals, groups, and communities may be enhanced. Emphasis will be on analyzing problem situations, then selecting appropriate goals and strategies of intervention.
- S.W. 403. GROUP DYNAMICS. 5 hours**
Prerequisite: Social Work majors, senior standing; or off-campus with two years of work experience in the field of social services or social work agency. A review of the development of research on processes in the small face-to-face group, with emphasis on motivational forces involved. Primary focus is to be on theory, but relationships to group leadership and management are included
- S.W. 404. COMMUNITY ORGANIZATION AND ADMINISTRATION. 5 hours**
Community organization as a method and process in Social Work. Analysis of community organization methods in achieving professional goals.

Consists of seminars which focus on government development, community planning and coordination.

- S.W. 441. SOCIAL WORK PRACTICUM. 15 hours**
Prerequisite: S.W. 315, 400 and 401. An assignment to an organization engaged in planning or administering direct services to people.

GERONTOLOGY

- S.W. 304. RECREATION FOR THE AGING. 5 hours**
Methods and materials in social recreation. Experience will be given in group planning and conducting social activities. Philosophy of Recreation and Leisure included, also basic information about aging.
- S.W. 305. BIOLOGICAL ASPECTS OF AGING. 5 hours**
A survey of the many biological aspects of the aging process. Emphasis will be placed on the gradual aging of the various organ systems and how these changes interact to produce the phenomenon of aging.
- S.W. 309. ECONOMIC PROBLEMS OF AGING. 5 hours**
A study of economic issues related to aging such as income, maintenance problems, budgeting and labor force problems.
- S.W. 325. INTRODUCTION TO GERONTOLOGY. 5 hours**
An interdisciplinary approach to the study of the process of aging.
- S.W. 330. SOCIOLOGICAL ASPECTS OF AGING. 5 hours**
An examination, from a sociological frame of reference, of the inter-relationships between the aged (or aging) and the structure and function of the social system and its major institutionalized sub-system.
- S.W. 401. PSYCHOLOGY OF AGING. 5 hours**
A study of the basic psychological processes as related to aging from the developmental perspective.
- S.W. 402. AGING AND PERSONALITY. 5 hours**
An introduction to personality theory and concepts of adjustment with an overview of counseling techniques and rehabilitative efforts with the aged. Course also includes a study of how personality is influenced by and in turn influences the aging process.

REHABILITATION

- S.W. 300. THE FIELD OF REHABILITATION SERVICES. 5 hours**
An introduction to resources available to people in need of rehabilitation. Emphasis will include the history and philosophy of the field.
- S.W. 304. RECREATION FOR THE AGING. 5 hours**
Methods and materials in social recreation. Experience will be given in group planning and conducting social activities. Philosophy of Recreation and Leisure included along with basic information about aging.

- S.W. 323. EVALUATION IN REHABILITATION SERVICES. 5 hours**
The role of the evaluator in Rehabilitation Services. Topics will include evaluating work adjustment, vocational selection, and use of psychological tests.
- S.W. 464. WORKING WITH THE HANDICAPPED. 5 hours**
A study of the etiology, treatment, education, and vocational problems of the disabled individual.
- S.W. 465. WORKING WITH THE EMOTIONALLY DISTURBED. 5 hours**
A study of techniques for the prevention and treatment of emotional problems.

DEPARTMENT OF SPECIAL STUDIES

IMPLEMENTATION OF BOARD OF REGENTS POLICY FOR SPECIAL STUDIES

Students assigned to the program of Special Studies will pursue developmental programs of study in the areas of language arts, and/or mathematics. No college level credit will be earned by Special Studies activities; however, "institutional credit" will be awarded. A student admitted to the Special Studies category will not be permitted to take credit courses which require the content of the Special Studies Program as a prerequisite.

AIM:

1. To enable students who, for various reasons are ineligible for admission to the regular college curriculum to develop their basic skills to the point at which they will be able to undertake college work.
2. To give regularly admitted students who are experiencing academic difficulty the opportunity to develop their basic skills in the college environment. Such students may resume their place in the regular curriculum without having been forced to drop out of college.

ADMISSION REQUIREMENTS

Graduation from High School or an equivalent completion of CEEB's SAT, and completion of a medical report.

GENERAL DESCRIPTION

The Special Studies Program seeks to offer a total program of personal guidance and counseling, together with carefully programmed instruction in the areas of Language Arts, Instructional Skills, and Mathematics. The students are evaluated at regular intervals by their academic instructors as to performance, attitude, motivation and other relevant factors. A student may progress at his own speed through the program, and will be permitted a maximum of four quarters, if necessary, to complete the program. Credit in Special Studies 50, 52, 54 and 75 will not be applied toward graduation and will not be accepted as transfer credit.

The program is administered by the Head of the Department of Special Studies, and the overall responsibility for testing, course assignment, and guidance rests with the Special Studies Department.

COUNSELING

A broad orientation to college life will be given to all students upon enrollment in the Special Studies Program. This will be followed by an individual interview with the Director of Guidance. Thereafter the Director will be available for consultation with Special Studies students.

The Director of Special Studies will assist each student in planning a course of studies and individual academic counseling will be offered by the academic instructors.

ADDITIONAL SERVICES

During his stay in the program, each student will be observed and counseled regarding ultimate career and study objectives. In this way many otherwise undecided students will be able, upon emerging from the program, to decide immediately upon an academic major to lead them to their goals. Also, students who do not successfully complete the Special Studies Program will be evaluated in terms of their level of educational achievement, and advised concerning those areas where they will best be able to find self-fulfillment in terms of careers.

COURSES IN SPECIAL STUDIES

50. **DEVELOPMENTAL LANGUAGE ARTS.** **5 hours**
This course offers instruction in reading and basic linguistic skills with special emphasis on vocabulary, spelling, elementary grammar, and sentence structure. Paragraph structure and theme organization are also stressed.
Special Studies students must receive a C in this course and pass the CGP Exam to be eligible for enrollment in English 101.
52. **DEVELOPMENTAL MATHEMATICS.** **5 hours**
Foundations of Mathematics and fundamentals of Algebra. Covers number systems, fundamental operations, factoring, linear equations, graphs, exponents, radicals, and functional relationships.
Special Studies students must receive a C in this course and pass the CGP Exam to be eligible for enrollment in Mathematics 101.
53. **ENGLISH AS A FOREIGN LANGUAGE.** **5 hours**
A course designed to teach the practical use of English as a medium for those whose mother tongue is not English. Stress is laid on particular problems of structure and usage encountered by non-native speakers.
54. **DEVELOPMENTAL SCIENCE.** **5 hours**
A total of five hours of class activity per week designed to meet the needs of students whose high school transcript or placement score indicates an inadequate science preparation.
56. **DEVELOPMENTAL SOCIAL SCIENCES.** **5 hours**
A total of five hours of class activity per week designed to meet the needs of students whose high school transcript or placement score indicates an inadequate preparation for the social sciences.
75. **SKILL DEVELOPMENT IN COMPOSITION AND READING.** **5 hours**
Designed for those students who do not demonstrate competency in the Regents' Testing Program. Before any student can repeat the test, he must submit evidence to the Head of the Department of Special Studies that he has successfully completed the program of remediation.
The course will focus on gaining skill and confidence in writing compositions and in reading.
311. **ADVANCED READING.** **2 hours**
A course designed for those students who wish to improve their reading skills. Emphasis will be placed upon reading in the content areas, upon advanced comprehension skills — e.g., analysis, synthesis, judgment, recognizing and arranging sequence, identifying, interpreting, and evaluating.

NORTH GEORGIA COLLEGE-PICKENS VOCATIONAL TECHNICAL SCHOOL

COOPERATIVE PROGRAMS

The Cooperative Programs listed below are taught jointly by North Georgia College and the Pickens Area Vocational-Technical School in Jasper, Georgia. All of the five programs listed lead to the Associate of Science Degree.

The Pickens Vocational Technical School has been named a resident center of North Georgia College. The general education courses and the related courses included in the listed cooperative programs can be counted toward appropriate degree programs.

Transfer students entering the Cooperative Programs must complete a minimum of 25 credit hours in general education at either Jasper or Dahlonega to qualify for the Associate Degree.

ASSOCIATE OF SCIENCE DEGREE IN SECRETARIAL SCIENCE

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	SECRETARIAL SCIENCE RELATED COURSES	HOURS CREDIT
English 101 and 102	10	Business Administration 112*	2
Mathematics 101	5	Business Administration 114	2
Political Science 101	5	Business Administration 115	3
Psychology 101	5	Business Administration 118	5
Business Administration 151-152	10	Business Administration 120*	5
History 100	5	Business Administration 121	5
		Business Administration 122	5
		Business Administration 206	5
		Business Administration 210	5
		Business Administration 216	5
		Business Administration 224	5
		Business Administration 362	5

ELECTIVES: (to be selected from courses listed in North Georgia College-Pickens Vo-Tech programs and approved by the student's advisor)

U. S. AND GEORGIA HISTORY REQUIREMENT

NOTE: Business Administration 112, 114, 115, 118, 120, 121, 122, 206, 207, 210, 216, 224 and 362 will be taught by Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

Students presenting high school credit in shorthand and/or typewriting will substitute other approved courses for these courses

ASSOCIATE OF SCIENCE DEGREE IN ACCOUNTING

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	ACCOUNTING RELATED COURSES	HOURS CREDIT
English 101 and 102	10	Business Administration 112*	2
Mathematics 101-102	10	Business Administration 114	2
Political Science 101	5	Business Administration 118	5
Psychology 101	5	Business Administration 119	5
Business Administration 151-152	10	Business Administration 206	5
		Business Administration 207	5
		Business Administration 210	5
		Business Administration 216	5
		Business Administration 362	5
		Business Administration 425	5
		Business Administration 426	5

ELECTIVES: (to be selected from courses listed in North Georgia College-Pickens Vo-Tech programs and approved by the student's advisor)

U.S. AND GEORGIA HISTORY REQUIREMENT

NOTE: Business Administration 112, 114, 118, 119, 206, 207, 210, 216, 362 and 425 will be taught by the Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses listed will be taught by North Georgia College.

*Student presenting high school credit in typewriting will substitute an approved course for Business Administration 112.

ASSOCIATE OF SCIENCE DEGREE IN DATA PROCESSING

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	DATA PROCESSING RELATED COURSES	HOURS CREDIT
English 101 and 102	10	Business Administration 118	5
Mathematics 101-102	10	Business Administration 206	5
Political Science 101	5	Business Administration 207	5
Psychology 101	5	Business Administration 210	5
Business Administration 151-152	10	Business Administration 211	5
History 100	5	Business Administration 212	5
		Business Administration 213	5
		Business Administration 214	5
		Business Administration 215	5
		Business Administration 216	5

ELECTIVES: None

U.S. AND GEORGIA HISTORY REQUIREMENT

NOTE: Business Administration 118, 206, 207, 210, 211, 212, 213, 214, 215, and 216 will be taught by the Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

ASSOCIATE OF SCIENCE DEGREE IN ELECTRONIC TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	ELECTRONICS RELATED COURSES	HOURS CREDIT
English 101 and 102	10	Electronics 112-113	10
Mathematics 101	5	Electronics 114-115	10
Political Science 101	5	Electronics 116	5
Physics 223	5	Physics 340	5
Physics 224	5		
Physics 225	5		
History 100	5		
B.A. 151 or approved elective	5		

ELECTIVES: (Choose one complete 20 hour option)

Electronics 221	5
Electronics 222	5
Electronics 223	5
Electronics 224	5
	<hr/>
	20

Electronics 222	5
Electronics 231-232	10
Electronics 233	5
	<hr/>
	20

Electronics 241	5
Electronics 242	5
Electronics 243-244	10
	<hr/>
	20

U.S. AND GEORGIA HISTORY REQUIREMENT

NOTE: Physics 340 and Electronics 111, 112, 113, 114, 115, 116, 117 and all of the listed electives will be taught by the Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

ASSOCIATE OF SCIENCE DEGREE IN DRAFTING AND DESIGN TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	DRAFTING AND DESIGN RELATED COURSES	HOURS CREDIT
English 101 and 102	10	Engineering Drawing 111	5
Mathematics 101	5	Engineering Drawing 112	5
Political Science 101	5	Engineering Drawing 113	5
Psychology 101	5	Engineering Drawing 114	3
Physics 223	5	Engineering Drawing 115	3
Physics 224	5	Engineering Drafting 211	5
History 100	5	Engineering Drafting 212	5
B.A. 151 or approved elective	5	Engineering Drafting 213	5

ELECTIVES: (Choose one complete option)	
Civil Drafting 131	3
Architectural Drafting 221	3
Architectural Drafting 223, or	
Architectural Drafting 224	3
Mechanical Drafting 242	5
	<hr/>
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Civil Drafting 131	3
Mathematics 215	5
Civil Drafting 232	3
Civil Drafting 234	3
	<hr/>
	14
Mechanical Drafting 141	3
Mechanical Drafting 242	5
Mechanical Drafting 243	3
Mechanical Drafting 244	3
	<hr/>
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U.S. AND GEORGIA HISTORY REQUIREMENT

NOTE: Engineering Drawing 111, 112, 113, 114, 115, Engineering Drafting 211, 212, 213 and all of the listed drafting electives will be taught by the Pickens Area Vocational Technical School under their organizational structure for these courses. All other courses will be taught by North Georgia College.

MEMBERS OF THE BOARD OF REGENTS

224 Washington Street, S.W., Atlanta, Georgia

District	Regent	Address
State at Large	JOHN A. BELL, JR.....	Dublin
State at Large	JESSIE HILL JR.	Atlanta
State at Large	MILTON JONES.....	Augusta
State at Large	LAMAR R. PLUNKETT	Bowdon
State at Large	RUFUS B. COODY.....	Vienna
First	ERWIN A. FRIEDMAN	Savannah
Second	CHARLES T. OXFORD.....	Albany
Third	JOHN H. ROBINSON, III	Americus
Fourth	JOHN R. RICHARDSON.....	Conyers
Fifth	ELRIDGE W. McMILLAN.....	Atlanta
Sixth	DAVID H. TISINGER.....	Carrollton
Seventh	JAMES D. MADDOX.....	Rome
Eighth	CHARLES A. HARRIS.....	Ocilla
Ninth	P. R. SMITH.....	Winder
Tenth	CAREY WILLIAMS.....	Greensboro

STAFF OF THE BOARD OF REGENTS

George L. Simpson, Jr.	<i>Chancellor</i>
John O. Eidson	<i>Vice Chancellor</i>
John W. Hooper	<i>Associate Vice Chancellor</i>
Henry G. Neal	<i>Executive Secretary</i>
Shealy E. McCoy	<i>Vice Chancellor - Fiscal Affairs and Treasurer</i>
Frank C. Dunham.....	<i>Vice Chancellor - Construction and Physical Plant</i>
Mario J. Goglia.....	<i>Vice Chancellor - Research</i>
Joseph C. Hammock.....	<i>Vice Chancellor - Academic Development</i>
Howard Jordan, Jr.....	<i>Vice Chancellor - Services</i>
Harry B. O'Rear.....	<i>Vice Chancellor - Health Affairs</i>
Haskin R. Pounds.....	<i>Assistant Vice Chancellor</i>
James L. Carmon.....	<i>Assistant Vice Chancellor - Computing Systems</i>
Mary Ann Hickman.....	<i>Assistant Vice Chancellor - Personnel</i>
Robert M. Joiner.....	<i>Assistant Vice Chancellor - Communications</i>
W. Coye Williams	<i>Assistant Vice Chancellor - Academic Development</i>
Harry H. Murphy, Jr.....	<i>Director of Public Information</i>
L. Harlan Davis.....	<i>Director - Interinstitutional Programs in International Affairs</i>

ADMINISTRATION

OFFICERS OF ADMINISTRATION

John H. Owen, President, B.S.A., M.S., Ph.D.
Hugh I. Shott, II, Dean, A.B., B.S., M.A., Ph.D.
William F. Gerspacher, Comptroller, B.S., M.B.A.
Bill B. Woody, Registrar and Director of Admissions, B.S., M.S.
Thomas W. Dalton, Director of Public Relations, A.B.J., M.A.
H. Michael Hyams, Jr., Dean of Students, B.S., M.E.
William D. Bellamy, Director of Testing, Counseling
and Placement, A.B., M.R.E., M.S., Ph.D.
Barrett King, Assist Director of P. R., B.A., M.A. (in progress)
Katherine Hinz, Assistant Dean of Students, B.S., M.S.
Charles M. Yager, Director of Development, B.S., M.Ed.
Larry E. Mitchell Jr., Assistant Director of Development, A.B.J., M.A.
James E. Woodall Jr., Counselor of Students, B.A., M.A.
Alan D. Theriault, Director of Student Center, B.A., M.A.

FACULTY AND STAFF

Meetings of the faculty are held at least once each quarter.

JOSE M. ALVAREZ, Captain, Infantry (1975)..... *Assistant Professor of
Military Science*
B.A., Widener College.

MARY B. AUGUST (1972) *Assistant Professor of Social Science*
B.A., Wesleyan College; M.S.S.W., University of Tennessee.

GEORGE B. BELDEN (1971) *Assistant Professor of Education*
B.A., M.S., Ph.D., Florida State University.

BIRDIE E. BELL (1966) *Assistant Professor of Physical Education*
B.S., Alabama College; M.Ed., University of Arizona.

WILLIAM D. BELLAMY (1964) *Associate Professor of Psychology*
A.B., Bob Jones University; M.R.E., New Orleans Baptist Theology Seminary; M.S.,
Ph.D., University of Southern Mississippi.

SIDNEY E. BENTON (1975) *Associate Professor of Education*
B.S., University of Montevallo; M.A., University of Alabama; Ed.D., University of
Georgia.

ALLAN S. BICKLEY (1962) *Assistant Professor of Physical Education*
B.S.Ed., M.Ed., University of Georgia.

JOSEPH A. BIESBROCK (1970) *Associate Professor of Biology*
B.S., Utah State University; M.S., Ph.D., University of Georgia.

GEORGE M. BOYD (1974) *Instructor in Business Administration*
B.A., University of West Florida; M.S., Florida State University.

MARIE J. BRIDGES (1975) *Assistant Professor of Nursing*
B.S., M.N., Emory University

- DOROTHY L. BROCK (1975) *Assistant Professor of Biology*
A.B., Tift College; M.S., Oregon State University; further study, Cornell University.
- BARBARA E. BROWN (1974) *Assistant Professor of Physical Education*
A.B., Judson College; M.A., University of Alabama
- JOAN M. BURNHAM (1974) *Instructor in Nursing*
B.S.N., Alverno College.
- MAC A. CALLAHAM (1963) *Professor of Biology*
B.S. Ed., University of Georgia; M.A. Ed.S., Peabody College; Ph.D., University of Georgia
- TERESA V. CAREY (1972) *Assistant Professor of Library Science*
B.A., Dunbarton College; M.Ln., Emory University.
- WALTER J. CARPENTER (1951) *Associate Professor of Mathematics*
B.S., Western Carolina College; M.A., University of North Carolina; further study, University of North Carolina, University of Georgia, and Vanderbilt University.
- DANIEL L. CHESTER (1972) *Assistant Professor of Business Administration*
B.S., North Georgia College; M.B.A., University of Georgia.
- MARJORIE J. CLARK (1973) *Librarian and Assistant Professor of Library Science*
A.B., Piedmont College; M.Ln., Emory University
- VADA K. COLBERT (1972) *Assistant Professor of Education*
B.A., University of Arkansas; M.A., Ph.D., University of Alabama.
- JIM G. COONE (1968) *Associate Professor of Psychology*
A.B., Carson-Newman College; M.S., Ph.D., University of Georgia.
- RICHARD V. COULTER, Lt. Colonel, Infantry (1975) *Assistant Professor of Military Science and Assistant Commandant*
B.S., North Georgia College; M.S., University of Southern California
- WINSLOW G. CRANNELL (1971) *Assistant Professor of Art*
A.A., Manatee Junior College; B.A., M.F.A., Florida State University.
- JOHN F. CSOMOR (1967) *Assistant Professor of Social Science*
B.S., M.A., Indiana University; further study, Purdue University.
- THOMAS W. DALTON (1970) *Assistant Professor of Journalism*
A.B.J., M.A., University of Georgia
- THOMAS C. DAVIS (1964) *Professor of Chemistry*
B.S., North Georgia College; Ph.D., Florida State University; further study, National Science Foundation Summer Institute of Emory University.
- H. LAWRENCE DENNIS (1968) *Assistant Professor of Business Administration*
B.S., Newberry College; CPA, State of South Carolina; M.S., University of South Carolina; Ph.D., University of Kentucky.
- ELIZABETH ANN DICKERHOOF (1973) *Assistant Professor of Education*
B.S., Wheelock College; M.Ed., University of Georgia; Ph.D., University of Georgia (in progress)
- VALENTINE DOBBS (1964) *Assistant Librarian Instructor in Library Science*
B.A., North Georgia College; M.Ln., Emory University

- PAUL G. DOBSON (1972)..... *Professor of Social Science*
B.A., Brooklyn College; Ph.D., New York University.
- BILLY C. DURANT, Colonel, Infantry (1974)..... *Professor of*
Military Science and Commandant
B.S., North Georgia College; M.B.A., Clemson University.
- ROBERT DYE, Captain, Air Defense (1976)..... *Assistant Professor of*
Military Science
B.A., West Georgia College.
- ERNEST ELDER, JR. (1967)..... *Assistant Professor of Mathematics*
B.S., University of Georgia; B.S., M.S., Georgia Institute of Technology; further
study, Florida State University.
- ALLEN R. ELLINGTON (1964)..... *Associate Professor of Business*
Administration
B.S., M.A., Appalachian State College; further study, Appalachian State College;
and Ph.D., University of Georgia.
- WILLIAM E. ENSLEY (1971)..... *Assistant Professor of Physical Education*
B.S.Ed., University of Georgia; M.Ed., University of Georgia.
- JAMES M. EWING, JR. (1971)..... *Associate Professor of English*
B.A., M.A., University of Mississippi; Ph.D., University of Southern Mississippi.
- C. BRUCE FITCH (1975)..... *Assistant Professor of Modern Languages*
A.B., Transylvania University; M.A., Ph.D., University of Kentucky.
- ELSA ANN GAINES (1967)..... *Assistant Professor of English*
A.B., Mercer University; M.A.T., Duke University; further study, University of North
Carolina.
- JAMES C. GALLOWAY, JR. (1972)..... *Instructor in Music*
B.S., Livingston University, M.C.M., Southern Baptist Theological Seminary; further
study, University of Georgia.
- ALBERT D. GRAUER (1971)..... *Associate Professor of Physics*
B.S., Concordia Teachers College; Ph.D., North Carolina State University.
- LYMAN L. HAMMOND (1966)..... *Assistant Professor of Music*
B.M., M.M.Ed., Florida State University; further study, Florida State University.
- ORVIL R. HAUSE (1950)..... *Assistant Professor of Physical Education*
B.S., M.A., University of Alabama; further study, University of Alabama and Pea-
body College.
- KATHERINE HINZ (1972)..... *Assistant Professor of Education*
B.S., Mississippi State College for Women; M.Ed., University of Florida; further
study, University of Georgia.
- MARY E. HOOD (1947)..... *Assistant Librarian and Assistant Professor*
of Library Science
A.B., Piedmont College; B.S. in L.S., M.A. in L.S., Peabody College.
- H. MICHAEL HYAMS, JR. (1971)..... *Assistant Professor of Education*
B.S., M.Ed., Northwestern State University of Louisiana.
- CECIL L. JACKSON (1967)..... *Professor of Psychology*
A.B., Mercer University; M.Ed., Ph.D., University of Georgia; further study, San Di-
ego State.

- WILLIAM L. JOHNSON, Major, Artillery (1973) *Assistant Professor of Military Science*
A.B., Florence State College; Ph.D., Vanderbilt University.
- CHARLES O. KENNERLY (1975) *Assistant Professor of Criminal Justice*
B.A., High Point College; L.L.B., J.D., Duke University
- JAMES C. KIDD (1953) *Associate Professor of Social Science*
A.B., Erskine College; M.A., University of South Carolina; further study, University of South Carolina, University of Georgia, Tulane University, and East Tennessee State University.
- DONALD E. KINKAID (1965) *Professor of Physics*
B.S., M.S., Clemson University; Ph.D., Clemson University.
- GUY V. LAIL (1960) *Associate Professor of English*
B.S., M.A., Appalachian State College; further study, Appalachian State College, and University of Maine.
- WILLIAM G. LEGER (1964) *Professor of Social Science*
B.S., Union College; M.A., Ph.D., University of Kentucky.
- PAULA MATTHEWS (1973) *Assistant Professor of Social Work*
B.S., University of Florida; M.A., University of South Florida.
- JESSIE L. MAYFIELD (1973) *Instructor in Social Work*
B.S., Savannah State College; M.S.S.W., University of Georgia.
- TOMMYE L. McCLURE (1972) *Instructor in Fine Arts*
B.S., M.A., University of Georgia.
- PAUL E. McCLURE (1969) *Assistant Professor of English*
A.B., Berry College; M.Ed., Georgia Southern College; further study, University of Georgia.
- THOMAS C. McDILL (1975) *Instructor of Education*
B.A., Oglethorpe College; M.Ed., University of Georgia.
- EVA MCGAHEE (1965) *Assistant Professor of Home Economics*
B.S.H.E., Berry College; M.Ed., University of Georgia; further study, University of Iowa, University of Tennessee, Colorado State University, and Georgia State University.
- TERRY M. McLEOD (1975) *Assistant Professor of Education*
B.S.Ed., M.A., Ed.D., University of Alabama.
- LARRY E. MITCHELL (1970) *Assistant Professor of Cont. Ed.*
A.B.J., M.A., University of Georgia.
- JOE H. MORGAN (1971) *Assistant Professor of Speech and Drama*
A.B., University of Tennessee at Chattanooga; M.F.A., University of Georgia.
- RICHARD M. NEGLEY (1957) *Assistant Professor of Mathematics*
B.S., Western Illinois State College; M.S., Florida State University; M.A., University of Illinois.
- CHARLES S. NOBLE (1971) *Assistant Professor of Psychology*
B.A., Hanover College; M.S., Ph.D., University of Georgia.

- DWIGHT REUEL NORRIS (1970)..... *Assistant Professor of Business Administration*
B.S., Valdosta State College; M.B.A., University of Georgia.
- W. GUY OLIVER (1964)..... *Professor of Modern Languages*
B.A., B.D., University of Manchester; Ph.D., Hebrew Union College; further study, University of Nevada.
- MICHAEL M. O'NEAL (1971)..... *Assistant Professor of Music*
B.M.E., M.M.E., Murray State University; further study, University of Georgia.
- JANIE D. OSBORN (1975)..... *Assistant Professor of Education*
B.S., M.A., Ed.D., University of Alabama; further study, Columbus College.
- JOHN H. OWEN (1970)..... *Professor of Biology*
B.S.A., University of Florida; M.S., Ph.D., University of Wisconsin.
- ROBERT L. OWENS (1965)..... *Associate Professor of Art*
B.F.A., M.F.A., University of Georgia.
- DAVE PANDRES, JR. (1971)..... *Associate Professor of Mathematics*
B.S., M.A., University of Texas; Ph.D., University of Texas.
- JAMES C. PARKER (1975)..... *Assistant Professor of Biology*
B.A., Shorter College; Ph.D., Virginia Polytechnic Institute.
- GORDON L. PARKS (1970)..... *Assistant Professor of Physics*
B.S., North Georgia College; M.S., Ph.D., Clemson University.
- SARAH L. PATRAM (1974)..... *Associate Professor of Nursing*
A.S., Bridgewater College; B.S.N.Ed., University of Virginia; M.S.N., The Catholic University of America.
- JOHN F. PEARCE (1970)..... *Fuller E. Callaway Professor of Economics*
B.S., Furman University; M.A., University of Pennsylvania; Ph.D., University of Alabama; C.L.U., American College of Life Underwriters.
- WILLIAM M. POLEN (1971)..... *Assistant Professor in Business Administration*
B.S., Georgia Institute of Technology; M.B.A., Georgia State University; further study, Georgia State University.
- DANIEL J. QUIRK, JR. (1974)..... *Assistant Professor of Physical Education and Recreation*
A.B., Providence College; M.Ed., Middle Tennessee State University; Ph.D., University of Georgia.
- JOHN E. RABER (1971)..... *Associate Professor of Physical Education*
B.S., Lock Haven State College; M.S., Bucknell University; Ed.D., University of Georgia.
- RAY C. RENSI (1966)..... *Associate Professor of Social Science*
A.B., Milligan College; M.A., East Tennessee State University; Ph.D., University of Georgia.
- THOMAS W. RICHARDSON (1971)..... *Assistant Professor of Chemistry*
B.S., M.A., University of Texas at Austin; Ph.D., University of Florida.
- WILLIAM P. ROBERTS (1949)..... *Professor of Social Science*
A.B., Emory University; M.A., Ph.D., University of North Carolina; further study, Tunghai University.

- WILLIAM G. ROUGHEAD (1966) *Professor of Mathematics*
B.S., M.S.Ed., Illinois State University; M.A., University of Illinois; Ph.D., Florida State University.
- ROBERT G. SABA (1972)..... *Assistant Professor of Education*
B.S., College of Santa Fe; M.Ed., Louisiana State University; Ph.D., University of Southern Mississippi.
- JOSEF P. SANDFORT (1976) *Assistant Librarian/Instructor in Library Science*
A.B., M.L.S., University of California
- CHRISTOPHER S. SHARP (1971)..... *Professor of Education*
B.A., Wofford College; M.Ed., University of North Carolina; Ph.D., University of South Carolina.
- HUGH I. SHOTT II (1966)..... *Professor of English*
A.B., West Virginia University; B.S., Concord College; M.A., University of Virginia; Ph.D., University of Denver.
- DONALD L. SINGLETARY (1975)..... *Instructor of Nursing*
B.S., University of Georgia; B.S.N., Medical College of Georgia School of Nursing; M.A.T., Emory University.
- FRANK M. SMITH (1955)..... *Professor of Social Science*
A.B., University of Georgia; M.A., Ph.D., University of North Carolina.
- LAWRENCE J. SOROHAN (1972) *Associate Professor of Education*
B.S.Ed., University of Dayton; M.Ed., Ph.D., Ohio University.
- MATTHIAS A. SPRUILL, III, Major, Armor (1976)..... *Assistant Professor of Military Science*
B.A., Citadel; M.S., University of Missouri (in progress).
- SARA J. STEELE (1971) *Assistant Professor of Psychology*
B.S., North Georgia College; M.S., University of Georgia; further study, University of Georgia.
- GARY R. STEFFEY, Captain, Finance (1974)..... *Assistant Professor of Military Science*
B.B.A., M.B.A., University of Georgia.
- BARBARA STEVENS (1972)..... *Assistant Professor of Education*
B.S., Atlantic Christian College; M.Ed., University of North Carolina; Ed.D., Duke University
- ALAN D. THERIAULT (1973) *Instructor in Education*
B.A., M.A., Northwestern State University of Louisiana.
- JUDITH N. TRUE (1975) *Assistant Professor of Education*
B.A., Marshall University; B.S., M.S., Florida State University; Ph.D., Georgia State University.
- JEWEL M. WADE (1975) *Associate Professor of Education*
A.B., Mercer University; M.Ed., Ed.D., University of Georgia
- BETTY H. WATERS (1975) *Assistant Professor of Education*
B.M., Converse College; M.Ed., Ed.S., Georgia State University; Ed.D., University of Georgia.

LINDA WHEAT (1973) *Assistant Professor of Modern Languages*
 B.A., University of Chattanooga; Ph.D., Vanderbilt University.

MARION C. WICHT (1950) *Professor of Mathematics*
 B.S., Mississippi Southern College; M.A., Vanderbilt University; Ph.D., Alabama Polytechnic Institute.

EUGENE E. WIGGINS (1969) *Professor of English*
 A.B., University of Chattanooga; M.A., Ph.D., Vanderbilt University.

EDWARD L. WINTON, Major, Corps of Engineers (1974) *Assistant Professor of Military Science*
 B.S., Auburn University; M.A., Middle Tennessee State University.

JAMES E. WOODALL, JR. (1974) *Instructor in Education*
 B.A., M.A., University of Mississippi.

BILL B. WOODY (1964) *Assistant Professor of Biology*
 B.S., University of Georgia; M.S., University of Tennessee; further study, Emory University and University of Georgia.

JOHN B. WOOLFOLK (1970) *Assistant Professor of Chemistry*
 B.S., M.S., Auburn University; further study, Auburn University.

CHARLES M. YAGER (1941) *Professor of Physics*
 B.S., University of Maryland; M.Ed., Duke University; further study, University of Wisconsin, Oak Ridge Institute of Nuclear Studies, Manhattan College, and Southern Methodist University.

STAFF

Abshire, SSG Johnny R. *Administrative NCO*

Allen, Stan *Office Manager*

Bickley, Mrs. Barbara *Secretary to Director of Nursing*

Black, Miss Loretta *Secretary to Dean of Women*

Caldwell, Mrs. Frankie *Secretary to the Director of Procurement*

Caldwell, Mrs. Glenda *Secretary, Social Work*

Caldwell, Mrs. Linda *Secretary to Comptroller*

Cardenas, M/SGT Alfred M. *Rifle Team Coach*

Conner, Mrs. Lorene *Secretary, Social Work*

Conner, Mr. Robert *Manager, College Bookstore*

Cosens, Mrs. Nell *Data Processing Assistant*

Dalton, Mrs. Betty *Off Campus Coordinator*

Davis, Mrs. Marcia *Secretary, Modern Language*

Dobbs, Miss Valentine *Assistant Librarian*

Dockery, Mr. Doyal *Postmaster*

Dockery, Mrs. Linda *Secretary to Director of Plant Operations*

Dubisar, M/SGT Wesley T. *Operations NCO*

Duval, Mrs. Mary	Nurse
Dyer, Mrs. Carolyn	Secretary, Department of Public Relations
Dyer, Mr. Larry	Equipment Manager, P.E. Department
Edge, Mrs. Marion	Secretary, Dunlap Hall
Fitch, Mrs. Ruth	Secretary, Development Education
Fortner, Mrs. Reba	Secretary to Director of Public Relations
Freeman, Mrs. Doris H.	Secretary to President
Gilleland, Mrs. Alda	Accountant
Grizzle, Mrs. Beverly	Accounting Clerk
Grizzle, Mrs. Kathy	Nurse
Hampton, Mrs. Jane L.	Campus Security
Hicks, Mrs. Peggy	Insurance & Accounting Clerk
Holland, Mrs. Katherine	Assistant Dietitian
Hulsey, Mr. W. Arnold	Director of Student Aid
Ervin Barrett	Laboratory Assistant
Kanady, Mrs. Mera	Nurse
Langdon, Mrs. Shirley	Secretary to the Dean
Lunsford, Mrs. Judy	Secretary to Dean of Students
McCaleb, Mrs. Edna	Secretary to Director of Guidance
McDaniel, Mr. Roy	Director of Procurement
Mulkey, Mrs. Patricia	Secretary, Registrar's Office
Patton, Mrs. Yvonne	Assistant Dietitian
Phillips, Mrs. Gail	Library Assistant
Phillips, Mrs. Kathryn	Secretary to PMS
Phillips, Mr. J. W.	Assistant Comptroller
Pinion, Mrs. Patsy	Secretary to Registrar
Price, Mr. William	Tactical Officer
Ragan, Mrs. Fannie Belle	Library Assistant, Audio-Visual Clerk
Ross, Mrs. Gail	Secretary, NGC Alumni Assoc.
Sanders, Mr. J. H.	Director of Plant Operations
Seabolt, Mrs. Delores	Secretary to Commandant
Seabolt, Mrs. Loyce	Accounting Clerk
Sertz, Mrs. Betty	Secretary to Director of Student Center
Sharp, Mrs. Hazel	Secretary to Director of Athletics
Smith, Mrs. Iris	Secretary, Bookstore

Stancil, Mrs. Joyce *Secretary, Library*
 Stowers, Mrs. Virginia *Secretary to Assistant Comptroller &
 Director of Student Aid*
 Tompkins, Mrs. Martha *Assistant Registrar*
 Tritt, Mrs. Kim *Secretary to Director of Development*
 Watson, Mrs. Anne *Supervisor of Food Services*
 Watson, Mrs. Sally *Secretary — Social Science Department*
 West, Mrs. Wilma L. *Secretary, Military Department*
 Whitworth, SSG Carl L. *Supply NCO*
 Wigley, Mrs. Wanda *Secretary, Education Department*
 Wilson, Mrs. Rosalie *Library Cataloging Assistant*
 Winton, Mrs. Wendy *Secretary, Graduate Education*
 Wood, SGM Charles N. *Sergeant Major*
 Woodard, Mrs. Rollene *Secretary, Dunlap Hall*
 Woodward, Dr. James *Supervisor of Health Services*

COMMITTEES

OFFICERS AND COMMITTEES OF THE FACULTY AND STAFF

The President and Dean are ex officio members of all committees.

OFFICERS

John H. Owen, Chairman

Hugh I. Shott, Vice Chairman

COMMITTEES

ACADEMIC ACTIVITIES COMMITTEE — Dean of the College, Chairman; one member from each department of instruction, normally the department head; Registrar, non-voting ex officio.

ACADEMIC REVIEW COMMITTEE — Dean of the College, Chairman; Registrar, Assistant Registrar, Director of Counseling, Testing and Placement; teaching faculty.

ADMISSIONS COMMITTEE — Director of Admissions, Chairman; faculty members.

ATHLETICS COMMITTEE — Athletic Director; faculty members; and a representative from the Student Government Association.

DISCIPLINE COMMITTEE — Faculty members; President of the Student Government Association; at least two other students appointed by the President of the College.

FACULTY EXECUTIVE COMMITTEE — Six faculty members.

HEALTH COMMITTEE — Comptroller, Chairman; Dean of Students; Director of Student Health Services; Head Nurse; Assistant Comptroller; faculty members; a student representative.

LIBRARY COMMITTEE — Faculty members appointed from academic departments; Librarian, ex officio.

MILITARY COMMITTEE — Dean of Students; Head of the Military Department; Assistant Commandant; three members of the teaching faculty; Cadet Brigade Commander.

PUBLICATIONS COMMITTEE — Faculty members, including the advisors of the *Cadet Bugler* and *Cyclops*; Director of College Relations; and the editors of the *Cadet Bugler* and *Cyclops*.

STUDENT ACTIVITIES AND ORGANIZATIONS COMMITTEE — Dean of Students; Dean of Women; Commandant of Cadets; Director of the Student Center; Faculty Advisor of the Student Government Association; Vice President of the Student Center Board, and selected faculty members.

STUDENT AID COMMITTEE — Dean of the College; Dean of Students; Director of Counseling, Testing and Placement; Director of Student Aid; the Comptroller; and faculty members.

TEACHER EDUCATION COMMITTEE — Head of the Department of Education, Chairman; one member from the Department of Education from each area from which Teacher Certification is granted, one representative from each of the other departments offering a state-approved Teacher Education Program, a student representative.

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Here is your NORTH GEORGIA COLLEGE ENROLLMENT KIT

1. Fill out your Application, attach a recent photograph, enclose your Application Fee of \$10.00 and forward to Director of Admissions, North Georgia College, Dahlonega, Ga. 30533.
2. Request your Principal or Counselor to mail to the Director of Admissions a copy of your Transcript and official SAT Scores. Transfer students should have their Registrar forward an official transcript.

Sophomore students and above transferring from another college need only to have their Registrar forward an official transcript. Students transferring with freshman standing must also submit a high school transcript.

High School Students with joint-enrolled college credits should apply as entering freshman but should attach copy of college transcript to application.

3. Complete the Medical Form, have your physician complete his report, and mail it to the Director of Admissions, North Georgia College.

(For High School Students Only)

SCHOLASTIC CERTIFICATE

To The Principal or Counselor:

Please complete this questionnaire concerning this student.

STUDENT'S NAME _____

Please check the following information as it applies to this applicant:

Applicant ranks ☐ exactly ☐ approximately _____ place in a graduating class of _____ students.

What is your estimate of this applicant's future success in college?
☐ Superior ☐ Above Average ☐ Average ☐ May have some difficulty
☐ Little success.

What is your personal recommendation regarding this applicant?
☐ Recommended for North Georgia College ☐ Not recommended for North Georgia College ☐
Prefer not to make a recommendation.

Please state specifically whether or not there is a reasonable expectation that this student will have a successful college career. We will appreciate any confidential statement concerning this applicant's character, home, or other influences, or weaknesses, as well as elements of strength which will be of value to the Dean in his capacity as official adviser.

Date _____ High School _____

Address of School _____

Name _____
please print

Title _____

Signature _____

Please mail Certificate along with a current transcript and official SAT scores to Director of Admissions,
North Georgia College,
Dahlonega, Georgia 30533

ATTACH
SMALL
PHOTO

**APPLICATION FOR ADMISSION
to
NORTH GEORGIA COLLEGE
Dahlonega, Georgia 30533**

Do not write in this space

- 1 No _____
- 2 Co _____
- 3 St _____
- 4 R _____
- 5 HS _____
- 6 Cl _____

- 1 An application for admission must be submitted at least 20 days before the date of registration
- 2 A fee of \$10.00 is charged students making application for admission to the college for the first time. This fee is not refundable and does not apply toward matriculation fees. Make check payable to North Georgia College.
- 3 Submit application and fee to the Director of Admissions, North Georgia College, Dahlonega, Georgia 30533.

INSTRUCTIONS

This Application is for the ☐ Summer Quarter 19- ☐ Winter Quarter 19-
☐ Fall Quarter 19- ☐ Spring Quarter 19-

Social Security Number: _____ Application Date: _____

Full Legal Name _____
(Last Name) (First) (Middle Maiden)

Permanent Address of Student _____
(Street or Box #) (City)

Area Code ()

(County)

(State)

(Zip Code)

(Home Phone Number)

Birth Date: _____ Sex: _____ Place of Birth: _____ Race _____

Country of Citizenship _____ Resident of Georgia _____ It "Yes," how long? _____
(Yes)(No)

Religious Pref _____ Marital Status: S ☐ M ☐ Other ☐ Explain _____

Have you ever applied to North Georgia College before? _____ If "Yes", when? _____

Have you ever attended North Georgia College before? _____ If "Yes", when? _____

Have you ever attended any other college? _____ Academic Status: Good Standing ☐

Other ☐ Explain _____

Please indicate the degree program you plan to pursue: Four Year () Two Year () Non-Degree ()

If you have decided on a major course of study indicate what it is _____

Resident Hall Information

All students are required to room in dormitories unless they meet one or more of the criteria for commuter status as set forth in this catalog.

Participation in ROTC

Participation in the Military Program is required for all men living in the dormitories. The program is optional for commuters. Women students may participate.

Do you plan to room in a
Dormitory? _____
(Yes)(No)

If eligible, do you plan to commute? _____
(Yes)(No)

Do you plan to participate in the Military
Program of the College? _____
(Yes)(No)

Name of school now attending _____

School Address _____
(Street) (City) (State) (Zip Code)

Date you expect to graduate or graduated from high school: _____

List other high schools, preparatory schools, and colleges you have attended.

NAME OF SCHOOL	CITY AND STATE	DATES ATTENDED	DATE GRADUATED
_____	_____	19 ____ to 19 ____	_____
_____	_____	19 ____ to 19 ____	_____
_____	_____	19 ____ to 19 ____	_____

If you are now in high school list the courses you are taking, have taken, and will take in your senior year only. If any of these courses are to carry less than a full unit of credit, please indicate amount of credit.

Date you took the SAT-CEEB Test: _____ Expect to take SAT-CEEB test: _____
(Month) (Year) (Month) (Year)

Have you ever served in the Armed Forces? ____, Dates, Branch ____, Type Discharge: _____

FAMILY DATA: If you are married, provide the following information concerning husband/wife.

Name: _____ Occupation: _____
(First) (Middle Initial) (Last)

Address: (If different from yours) _____
(Street) (City) (State) (Zip Code) (County)
(Ga Residents Only)

Unmarried Applicants provide information concerning both parents. Please indicate which is guardian.

Father's Name: _____ Occupation: _____
(First) (Middle Initial) (Last)

Address: (If different from yours) _____
(Street) (City) (State) (Zip Code) (County)
(Ga Residents Only)

Mother's Name: _____ Occupation: _____
(First) (Middle Initial) (Last)

Address: (If different from yours) _____
(Street) (City) (State) (Zip Code) (County)
(Ga Residents Only)

If any of your immediate family have attended North Georgia College, provide the following information:

NAME: _____ Relationship: _____

Have you ever been suspended or expelled from a school or college for disciplinary reasons? _____
(Yes) (No)

If the answer is "Yes", attach an explanation.

Have you ever been arrested?

If the answer is "Yes", attach an explanation. (Yes) (No)

I certify that the information given on this application is complete and accurate. I understand that falsifying or withholding any part of this information may result in cancellation of admission and/or registration.

(Signature of Student)

NORTH GEORGIA COLLEGE — MEDICAL REPORT

The Medical History Section of this report should be filled out by the applicant. The physician should complete the examination and return the form to the college. All questions must be answered. Positive answers in Section A "Disease History", should be evaluated by the physician.

Check one () Dorm Student
() Commuting Student

NAME _____
(Last) (First) (Middle)

Home Address _____ Home Telephone _____
(City) (State) (Zip Code)

Date of Exam _____ Sex _____ Marital Status _____ Date of Birth _____

Section A "Disease History" — Have you had or do you now have

YES		NO		CURED OR CORRECTED		YES		NO		CURED OR CORRECTED	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scarlet Fever	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Skin Disease
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Diphtheria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asthma — If "Yes", date of last attack _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rheumatic Fever	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Malaria
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Measles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Joint Trouble
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ear, Nose, or Throat Trouble
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pneumonia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle (Acute, Chronic)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Epilepsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergies
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Polio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reaction to Drugs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tuberculosis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Appendicitis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Whooping Cough	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Piles or Rectal Disease
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V D Syphilis, Gonorrhea
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stomach, Liver or Intestinal Disease, etc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Foot Trouble
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hernia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trick Knee, etc
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nervous Disorder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Arthritis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kidney Disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Meningitis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sugar or Albumin in Urine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Typhoid Fever

Have you ever been Hospitalized? _____ If "Yes", when, where, and why? _____

Have you ever received psychiatric treatment? _____ If "Yes", when, where, and why? _____

Blood Type _____ RH Factor _____ (If Known)

Signature of Applicant: _____

Form 3425-R on Reverse Side
Must be Completed on All
Male or Female Students Enrolling in ROTC

Please Return to: Director of Admissions
North Georgia College
Dahlonega, Georgia 30533

Section B *Physical Examination*

Height _____ Weight _____ Posture _____
Pulse Sitting _____ Immediately after exercise _____ 2 min. after exercise _____
Blood Pressure _____ Throat _____ Tonsils _____ Teeth _____ Glandular _____
Lungs _____ Heart _____ Abdomen (pains, scars, masses, etc.) _____
Genito-Urinary System _____ Hemorrhoids _____ Hernia _____
Congenital Anomalies _____ Skeletal System _____ Varicosities _____
Urine Sp Gr _____ Sugar _____ Albumin _____
Serology (If indicated) _____ Menstrual difficulty (For Women) _____
Vision Right 20/ _____ Left 20/ _____ Corrected: Right 20/ _____ Left 20/ _____
Color Vision (Able to Distinguish bright red and bright green) () Yes () No Hearing _____
Evaluation of Section A (History): _____

Psychiatric History, (if any) _____

Recommendations (if any) _____

IMMUNIZATIONS AND BOOSTERS DATE (YEAR)

Smallpox _____ Diphtheria _____ Tetanus _____ Typhoid _____ Polio _____

Physical Classification () A — Qualified for unrestricted exercise, () B — restricted
exercise, () avoid all physical exercise

Reason, if other than "A" _____

(Physical Education is required of all students unless
physically disqualified) (Participation in the Military
Program is required of all men living in the dormitories.
The program is optional for commuters.)

If student is not now qualified for ROTC, could he possi-
bly qualify later?

(Yes) (No)

Examining Physician (Please Print)

Signature

Address of Physician

FOR STUDENTS EXPECTING TO ENROLL IN ARMY ROTC

<p>MEDICAL FITNESS STATEMENT FOR ENROLLMENT IN BASIC COURSE, SENIOR ROTC For use of this form, see AR 145-1, the proponent agency is the Adjutant General's Office.</p>	<p>DATE</p>
<p>I HAVE EXAMINED _____ AND FIND NO (First Name — Middle Initial — Last Name) MEDICAL CONDITION OR PHYSICAL IMPAIRMENT THAT PRELUDES HIS OR HER PARTICI- PATION IN THE BASIC COURSE, ARMY ROTC, A PROGRAM NOT MORE PHYSICALLY STRENUOUS THAN A NORMAL COLLEGE PHYSICAL EDUCATION PROGRAM</p>	
<p>SIGNATURE OF PHYSICIAN</p>	

NORTH GEORGIA COLLEGE ACTIVITIES REPORT

PLEASE PRINT
NAME (Mr or Miss)

(Last)

(First)

(Middle)

Address

Street, P O Box

(Town)

(State)

(Zip Code)

Please check the following items and indicate your experience in the activities listed

Band _____ No. of years _____ Instrument _____

Orchestra _____ No. of years _____ Instrument _____

Chorus _____ No. of years _____ Voice Part _____

Others (Piano, drum major, etc) _____

High School or college Military Training _____ No. of years completed _____

Highest rank held _____ Where? _____

Rifle Marksmanship _____ Debate _____ Dramatics _____

List any experience with high school or college publications _____

Athletics

Baseball _____ No. of years _____ Position _____ Awards _____

Tennis _____ No. of years _____ Awards _____

Basketball _____ No. of years _____ Awards _____

Others _____

FINANCIAL AID INFORMATION

If you will need financial assistance, please complete the following

Name _____
(Last) (First) (Middle)

Address _____
(City) (State) (Zip Code)

Quarter Entering ☐ Summer ☐ Fall ☐ Winter ☐ Spring Year _____

Do you expect to enter as a transfer student? _____
(Yes) (No)

Are you a resident of Georgia _____ If yes, how long? _____

Do you want to room in dormitory? _____ Commute? _____

DO NOT WRITE
IN THIS SPACE

Office use only

V	C
M	D
HSA	WL
PFAG	SC

NOTICE OF STUDENT RESPONSIBILITY

The statements set forth in this Catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution.

While the provisions of this Catalog will ordinarily be applied as stated, North Georgia College reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be available in the office of the Registrar. It is especially important that each student note that it is his/her responsibility to keep himself/herself apprised of current graduation requirements for his/her particular degree program.

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Dahlonega, Georgia 30533

Second Class
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Georgia
30533

